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PHOTOGRAPHIC INTERPRETATION REPORT



KH-4 MISSION 1043-1
8-14 AUGUST 1967

TCS-80495/67

AUGUST 1967

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WARNING

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TARGET CATEGORIES

1. GUIDED MISSILES *
 - A. ICBM Deployment
 - B. IRBM and MRBM (including search areas)
 - C. Research and Development (including space)
 - D. Production Facilities (including test)
 - E. Suspect Missile (Search area or undetermined activity)
 - F.
 - G. Naval Launched Missiles
 - H. Anti-Missile Missile
 - I. SAM Sites
 - J. Short Range Surface-to-surface Missiles
 - K. Missile support/storage areas
 - L. SAM Training Complexes
 2. AIRCRAFT
 - A. Long Range Bases
 - B. Production Facilities (including R and D)
 - C. Airfields
 3. NUCLEAR ENERGY
 - A. Test Area
 - B. Production
 - C. Stockpiles
 - D. Research Institutes
 - E. Suspect Activity
 4. NAVAL ACTIVITY
 - A. Operating Bases
 - B. Production Yards
 - C. Commercial Ports
 - D. Locks and Canals
 5. BIOLOGICAL/CHEMICAL WARFARE
 - A. BW/CW Test Areas (including test)
 - B. Production
 - C. Storage
 - D. Research Institutes
 - E. Suspect Activity
 6. ELECTRONICS
 - A. Missile Tracking Facilities
 - B. Electronics (general)
 7. MILITARY
 - A. Military Installations
 - B. Special Areas
 - C.
 - D. Landing Beaches
 - E.
 - F.
 - G. Tactical SSM Support Facilities
 8. URBAN/INDUSTRIAL
 - A. Complexes
 - B. Industrial Plants
 - C. Geodetic Control Points
 9. OTHER
 - A. Unidentified Installations
- * Digits in these numbers indicate specific target complexes. A suffix identifies individual components within the complex.

MIDDLE EAST AND AFRICA

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PREFACE

THIS SECTION OF THE OAK FOR MISSION 1043-1 REPORTS ON THE HIGHEST PRIORITY TARGETS IN THE MIDDLE EAST AND AFRICA. FOR THE HIGHEST PRIORITY TARGETS IN SOUTH CHINA AND NORTH VIETNAM AND IN THE USSR AND OTHER COUNTRIES, SEE SECTIONS 2 AND 3 OF THIS REPORT. THE REMAINDER OF THE COMIREX TARGETS WILL BE REPORTED IN A SERIES OF OAK SUPPLEMENTS.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMIREX TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMIREX TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH), D FOR DESCENDING (NORTH-TO-SOUTH) OR M FOR A MIXED ASCENDING AND DESCENDING PASS. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME NUMBER TO WHICH THEY APPLY. THIS GRID IS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS FOR CONDITIONS AFFECTING INTERPRETABILITY ARE -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMI DARKNESS), D (DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), GR (GROUND RESOLUTION), AND SS (SMALL SCALE).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN ADDITIONAL INFORMATION. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

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Highlights

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HIGHLIGHTS

AIR ORDER OF BATTLE APPEARS TO BE NORMAL-TO-LOW THROUGHOUT THE MIDDLE EAST. HOWEVER, SMALL SCALE FAILS TO PROVIDE ADEQUATE, ACCURATE DATA. AT NEW VALLEY AIRFIELD IN EGYPT, THE RUNWAY IS BEING EXTENDED FROM 5,000 FEET TO APPROXIMATELY 8,200 FEET, PLUS A TOTAL OF 800 FEET OF OVERRUN.

IN EGYPT

VEHICLE AND CONSTRUCTION ACTIVITY IS OBSERVED 40 NM NNE OF CAIRO AT 30-10N 031-59E. NAVAL ACTIVITY AT AL ISKANDARIYAH PORT APPEARS TO BE NORMAL. AT BUR SAID PORT, 3 LARGE COMBATANTS ARE OBSERVED.

THE SUEZ CANAL IS BLOCKED BY 1 PROBABLE SUNKEN VESSEL AT THE SOUTH END OF BUR SAID PORT, 1 PROBABLE SUNKEN VESSEL 3.8 NM SOUTH OF BUR SAID, 1 CAPSIZED PASSENGER VESSEL 4 NM SOUTH OF BUR SAID, AND THE FOLLOWING POSSIBLE SUBMERGED OBJECTS -- ONE 2.7 NM, ONE 13.4 NM, TWO 20 NM, AND ONE 30.5 NM SOUTH OF BUR SAID, AND 1 AT THE SOUTH END OF LAKE TIMSAH. THE SOUTHEASTERN PORTION OF GREAT BITTER LAKE SHOWS SPORADIC HEAVY SILTING.

ALL 37 KNOWN SA-2 SAM SITES AND THE 6 KNOWN SAM SUPPORT FACILITIES IN EGYPT ARE COVERED. ANALYSIS REVEALS AT LEAST 12 SAM SITES ARE OCCUPIED, 2 ARE PROBABLY/POSSIBLY OCCUPIED, 4 ARE UNOCCUPIED, 7 ARE OF UNDETERMINED OCCUPANCY, AND THE REMAINDER CAN BE IDENTIFIED ONLY. OF THE SAM SUPPORT FACILITIES, 2 ARE OCCUPIED, 1 IS OF UNDETERMINED OCCUPANCY, AND 3 CAN BE IDENTIFIED ONLY. ONLY THOSE SAM INSTALLATIONS WHICH ARE COMIREX TARGETS ARE REPORTED IN THIS SECTION.

THE NAVAL BASE BERTHING AREA AT THE SYRIAN PORT OF AL LADHIQIYAH IS CLOUD COVERED. HOWEVER, 3 LARGE COMBATANT-TYPE VESSELS ARE OBSERVED IN THE PORT AREA. POOR INTERPRETABILITY PRECLUDES VESSEL IDENTIFICATION. THIS IS THE FIRST OBSERVATION OF LARGE COMBATANTS AT AL LADHIQIYAH.

IN ALGERIA, AIRCRAFT ARE OBSERVED AT 5 OF THE 16 HIGH PRIORITY AIRFIELDS IMAGED ON THIS MISSION. AIRCRAFT COUNTS AT OUARGLA AIRFIELD HAVE DECLINED FROM THE 66 FRESCO (MIG-19) AIRCRAFT REPORTED TO 27 SMALL SWEEP-WING AIRCRAFT. ONE SMALL SWEEP-WING, 4 POSSIBLE SMALL SWEEP-WING, AND 9 LIGHT STRAIGHT-WING AIRCRAFT ARE DISCERNIBLE AT PAUL CAZELLES AIRFIELD WHERE NO AIRCRAFT WERE REPORTED. AIR ORDER OF BATTLE IS NORMAL AT BOUFARIK, BLIDA, AND CONSTANTINE/AIN EL BEY AIRFIELDS. NO OTHER SIGNIFICANT ACTIVITY IS OBSERVED IN ALGERIA.

A PRELIMINARY SEARCH OF ALL CLOUD-FREE AREAS REVEALS NO EVIDENCE OR INDICATION OF OFFENSIVE SURFACE-TO-SURFACE MISSILES.

STATUS OF TARGET READOUT

THIS SECTION OF THE OAK REPORTS ON 113 COMIREX TARGETS AND 1 BONUS TARGET.

Missiles

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25X1A

MISSILES

JABAL HAMZI SSM COMPLEX

EG 3008N 03036E

CONSTRUCTION CONTINUES ON THE VERTICAL STATIC TEST
STAND.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

HULWAN MUNITIONS PLANT 63

EG 2951N 03120E

STORAGE/PRODUCTION OF MISSILES CANNOT BE CONFIRMED OR
NEGATED.

25X1D

AL QAHIRAH AIRFRAME PLANT HULWAN 36

EG 2950N 03118E

OB -- 1 CAT/CUB.

NO ADDITIONAL TEST CELLS ARE OBSERVED.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

25X9

TIPASA SUSPECT SSM SEARCH

AG 3635N 00227E

NO SAM OR SSM-ASSOCIATED ACTIVITY OBSERVED.

25X1D

AL HAMMAM SUSPECT SAM SUPPORT FACILITY

EG 3048N 02923E

THE 15-NM SEARCH AREA IS COVERED ON CLEAR PHOTOGRAPHY.
NO SAM ACTIVITY OBSERVED.

25X1D

HAWSHISA SUSPECT SAM SITE

EG 3055N 03020E

THE 10-NM SEARCH AREA IS COVERED ON CLEAR PHOTOGRAPHY.
NO SAM ACTIVITY OBSERVED.

25X1D

ALGER SUSPECT SAM DEFENSE AREA

AG 3647N 00303E

NO SAM ACTIVITY OBSERVED.

25X1D

AL ISKANDARIYAH SAM SITE B05-2

EG 3118N 03003E

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS, 5
OCCUPIED BY UNIDENTIFIED PIECES OF EQUIPMENT AND 1 OF
UNDETERMINED OCCUPANCY, A REVETTED GUIDANCE AREA
OCCUPIED BY UNIDENTIFIED PIECES OF EQUIPMENT, AND 10
VEHICLE/MISSILE-HOLD POSITIONS, 3 OCCUPIED BY
UNIDENTIFIED PIECES OF EQUIPMENT.

25X1D

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AL ISKANDARIYAH SAM SITE B24-2

EG 3105N 02943E

SITE CONSISTS OF 6 REVETTED PROBABLY OCCUPIED LAUNCH POSITIONS, A REVETTED PROBABLY OCCUPIED GUIDANCE AREA, AND 3 REVETTED MISSILE-HOLD BUILDINGS.

25X1D

AS SUWAYS SAM SITE B15-2

EG 2948N 03242E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

AS SUWAYS SAM SITE B22-2

EG 2943N 03220E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

AS SUWAYS SAM SITE C01-2

EG 3019N 03232E

DESTRUCTION OF THE SITE APPEARS TO BE CONTINUING.

25X1D

ASWAN SAM SITE B22-2

EG 2355N 03243E

SITE CONSISTS OF 6 REVETTED OCCUPIED LAUNCH POSITIONS, A REVETTED OCCUPIED GUIDANCE AREA, AND 3 REVETTED MISSILE-HOLD POSITIONS OF UNDETERMINED OCCUPANCY.

25X1D

ASWAN SAM SUPPORT FACILITY

EG 2403N 03253E

NO APPARENT CHANGE IN FACILITIES OBSERVED IN THE SUPPORT FACILITY. AN UNDETERMINED NUMBER OF UNIDENTIFIED OBJECTS ADJACENT TO THE LARGE DRIVE-THROUGH BUILDING AND AN UNDETERMINED NUMBER OF

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UNIDENTIFIED VEHICLES IN THE SUPPORT AREA ARE OBSERVED.

25X1D

[REDACTED]

25X1A

ASWAN SAM SITE B15-2

EG 2356N 03259E

SITE CONSISTS OF 6 REVETTED OCCUPIED LAUNCH POSITIONS,
A REVETTED PARTIALLY COVERED OCCUPIED GUIDANCE AREA,
AND 3 REVETTED MISSILE-HOLD POSITIONS OF UNDETERMINED
OCCUPANCY.

25X1D

[REDACTED]

ASWAN SAM SITE A03-2

EG 2407N 03254E

SITE CONSISTS OF 6 REVETTED OCCUPIED LAUNCH POSITIONS,
A REVETTED PARTIALLY COVERED OCCUPIED GUIDANCE AREA,
AND 3 REVETTED MISSILE-HOLD POSITIONS OF UNDETERMINED
OCCUPANCY.

25X1D

[REDACTED]

AL QAHIRAH SAM SITE B04-2

EG 3020N 03128E

SITE CONSISTS OF 6 REVETTED POSSIBLY OCCUPIED LAUNCH
POSITIONS AND A REVETTED OCCUPIED GUIDANCE AREA.

25X1D

[REDACTED]

AL QAHIRAH SAM SITE B17-2

EG 2945N 03121E

SITE CONSISTS OF 6 REVETTED OCCUPIED LAUNCH POSITIONS,
A REVETTED GUIDANCE AREA OCCUPIED BY A PROBABLE RADAR
AND 4 VANS, AND 3 REVETTED MISSILE-HOLD POSITIONS OF
UNDETERMINED OCCUPANCY.

25X1D

[REDACTED]

AL QAHIRAH SAM SITE B21-2

EG 2947N 03107E

SITE CONSISTS OF 6 REVETTED OCCUPIED LAUNCH POSITIONS
AND A REVETTED OCCUPIED GUIDANCE AREA. ONLY 4 OF THE
10 VEHICLE/MISSILE-HOLD POSITIONS, REPORTED [REDACTED]

25X1D

25X1D

[REDACTED]

ARE DISCERNIBLE. OCCUPANCY IS

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UNDETERMINED.

25X1D

[REDACTED]

25X1A

AL QAHIRAH SAM SITE B27-2

EG 3002N 03054E

SITE CONSISTS OF 6 REVETTED OCCUPIED LAUNCH POSITIONS,
A REVETTED OCCUPIED GUIDANCE AREA, AND 3 REVETTED
COVERED MISSILE-HOLD POSITIONS.

25X1D

[REDACTED]

AL QAHIRAH SAM SITE B33-2

EG 3017N 03107E

SITE CONSISTS OF 6 REVETTED OCCUPIED LAUNCH POSITIONS,
A REVETTED OCCUPIED GUIDANCE AREA, AND 3 REVETTED
MISSILE-HOLD POSITIONS OF UNDETERMINED OCCUPANCY. TWO
PROBABLE MISSILE TRANSPORTERS ARE WITHIN THE LAUNCH
AREA.

25X1D

[REDACTED]

AL QAHIRAH SAM SUPPORT FACILITY EAST

EG 3004N 03122E

AN UNDETERMINED NUMBER OF UNIDENTIFIED OBJECTS IS
OBSERVED WITHIN THE FACILITY.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

[REDACTED]

AL QAHIRAH SAM TRAINING SITE DAHSHUR

EG 2949N 03107E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

[REDACTED]

AL QAHIRAH SAM SUPPORT FACILITY NORTH

EG 3031N 03110E

AN UNDETERMINED NUMBER OF UNIDENTIFIED OBJECTS IS
OBSERVED IMMEDIATELY OUTSIDE THE SECURITY FENCE.

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NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

25X1A

AL QAHIRAH SAM SITE D18-2

EG 2932N 03118E

SITE CONSISTS OF 6 REVETTED OCCUPIED LAUNCH POSITIONS, A REVETTED OCCUPIED GUIDANCE AREA, AND 6 REVETTED DRIVE-THROUGH MISSILE-HOLD BUILDINGS 2,000 FT WEST OF THE LAUNCH AREA. A 6-POSITION AAA SITE IS 1,000 FT WEST OF THE LAUNCH AREA.

25X1D

TANTA SAM SITE C05-2

EG 3104N 03119E

OCCUPANCY IS UNDETERMINED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

TANTA SAM SITE C21-2

EG 3024N 03047E

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS OCCUPIED BY POSSIBLE MISSILES ON LAUNCHERS, A REVETTED OCCUPIED GUIDANCE AREA, AND 3 REVETTED COVERED MISSILE-HOLD POSITIONS. SIX REVETTED DRIVE-THROUGH MISSILE-HOLD BUILDINGS ARE 1,000 FT SOUTH OF THE LAUNCH AREA.

25X1D

TANTA SAM SITE A18-2

EG 3042N 03100E

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS OCCUPIED BY UNIDENTIFIED PIECES OF EQUIPMENT AND A REVETTED PROBABLY OCCUPIED GUIDANCE AREA.

25X1D

TANTA SAM SITE C10-2

EG 3043N 03124E

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS OCCUPIED BY UNIDENTIFIED PIECES OF EQUIPMENT, A REVETTED

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OCCUPIED GUIDANCE AREA, AND 3 REVETTED COVERED
MISSILE-HOLD POSITIONS. SIX DRIVE-THROUGH MISSILE-HOLD
BUILDINGS ARE APPROXIMATELY 2,000 FT SOUTH OF THE
LAUNCH AREA.

25X1D

25X9

Air Facilities

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25X1A

AIR FACILITIES

CAIRO AIRFIELD WEST

EG 3007N 03055E

OB -- 1 PROBABLE MEDIUM SWEEP-WING, 1 PROBABLE LIGHT
STRAIGHT-WING, AND AT LEAST 10 SMALL POSSIBLE AIRCRAFT.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

25X9

DUMAYR AIRFIELD

SY 3336N 03645E

OB -- 3 SMALL POSSIBLE AIRCRAFT.

THE RUNWAY, TAXIWAYS, AND PARKING AREAS APPEAR
SERVICEABLE. NO NEW AIR DEFENSES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

ABU SUWEIR AIRFIELD

EG 3034N 03206E

OB -- NONE OBSERVED.

THE RUNWAY HAS PROBABLY BEEN REPAIRED. NO ELECTRONICS
FACILITIES, SECURITY, OR DEFENSES OBSERVED.

25X1A

25X1D

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25X1A

INCHAS AIRFIELD

EG 3020N 03126E

OB -- AT LEAST 5 SMALL POSSIBLE AIRCRAFT.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

25X9

DAMASCUS AIRFIELD

SY 3328N 03613E

OB -- 1 MEDIUM SWEEP-WING AND 4 MEDIUM STRAIGHT-WING.

THE MAIN RUNWAY NOW HAS A GRADED-EARTH PARALLEL
TAXIWAY.

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SAYQAL AIRFIELD

SY 3340N 03712E

OB -- NONE OBSERVED.

THE RUNWAY, TAXIWAYS, AND PARKING AREAS APPEAR
SERVICEABLE. NO NEW AIR DEFENSES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

HAMA AIRFIELD

SY 3507N 03642E

OB -- NONE OBSERVED.

THE RUNWAY APPEARS UNSERVICEABLE DUE TO RESURFACING.

25X1D

RAS BANAS AIRFIELD

EG 2358N 03527E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

GEBEL LIBNI AIRFIELD

EG 3045N 03345E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

BIR JIFJAFAH AIRFIELD

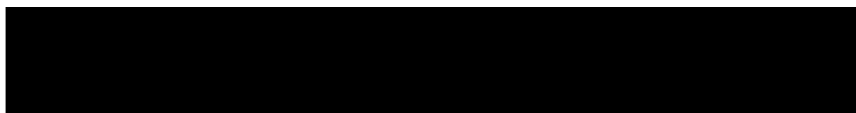
EG 3024N 03308E

OB -- 1 NORATLAS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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25X1D



25X1A

AL ARISH AIRFIELD

EG 3104N 03350E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



BIR HASANAH AIRFIELD NEW

EG 3012N 03326E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



ALMAZA AIRFIELD

EG 3005N 03121E

OB -- 8 LIGHT STRAIGHT-WING, 3 SMALL STRAIGHT-WING, AND
1 POSSIBLE SMALL STRAIGHT-WING.

A POSSIBLE STORAGE AREA CONTAINING 10 BUILDINGS HAS
BEEN CONSTRUCTED OFF THE NORTH END OF THE NE/SW RUNWAY

25X1D



FAYID AIRFIELD

EG 3020N 03216E

OB -- NONE OBSERVED.

THE RUNWAY HAS BEEN REPAIRED.

25X1D



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25X1A

ISMAILIA AIRFIELD

EG 3035N 03214E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

EL MANSURA AIRFIELD

EG 3057N 03125E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

KABRIT AIRFIELD

EG 3014N 03229E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

HURGHADA AIRFIELD NEW

EG 2711N 03348E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

BENI SUEF AIRFIELD

EG 2912N 03101E

OB -- 5 PROBABLE BEAGLE AND 1 PROBABLE CAT/CUB.

THE RUNWAY HAS BEEN REPAIRED.

Handle Via
TALENT KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

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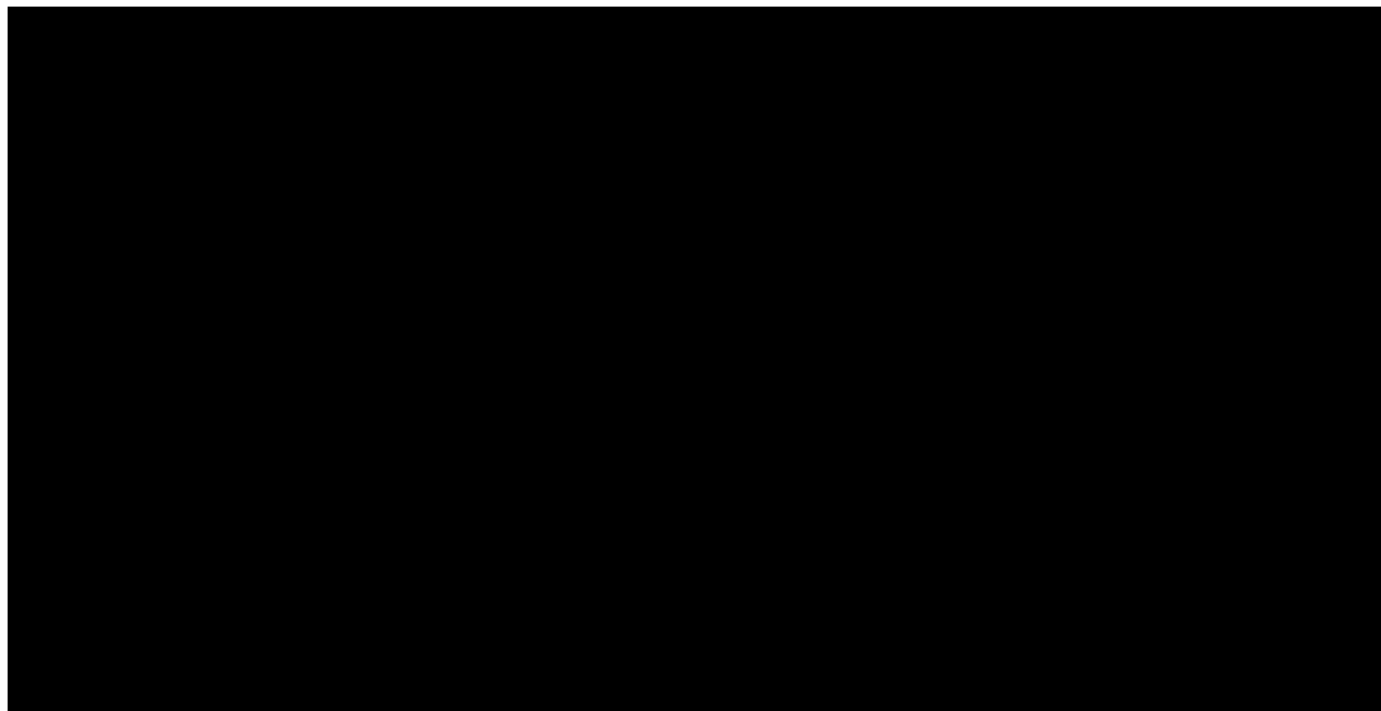
KH-4 MISSION 1043-1, 8-14 AUGUST 1967

25X1D



25X1A

25X9



PORT SAID AIRFIELD

EG 3116N 03214E

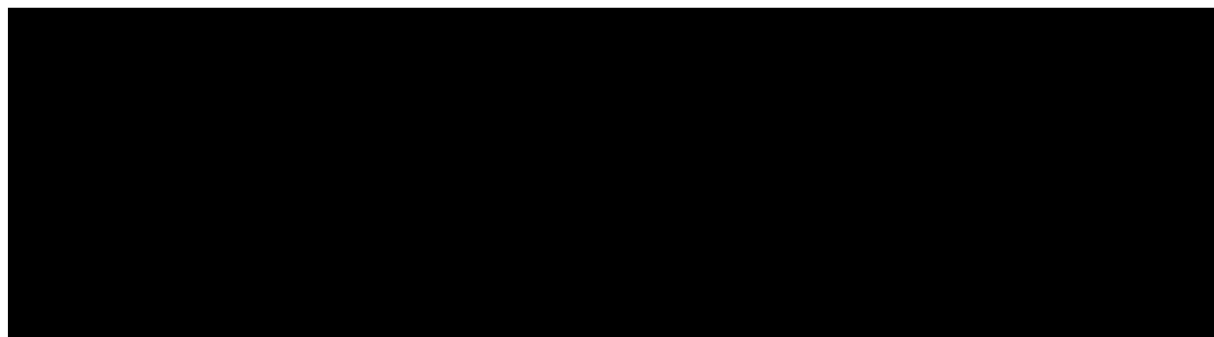
OB --- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

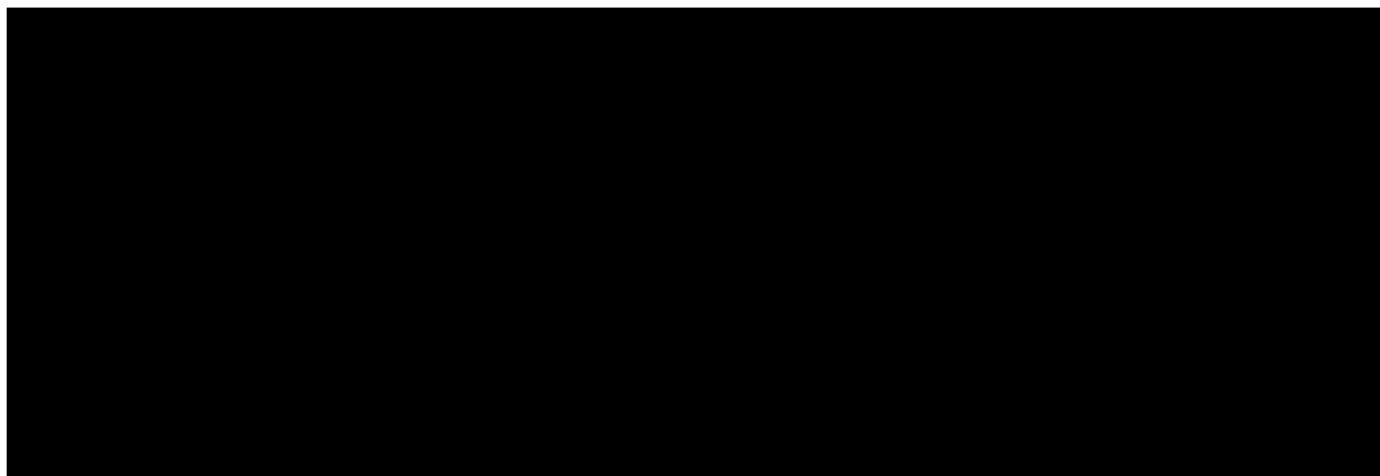


25X9



25X1A

25X9



AMMAN AIRFIELD

JO 3158N 03559E

OB -- 3 LIGHT STRAIGHT-WING ON THE PARKING APRON
ADJACENT TO THE PARALLEL TAXIWAY.

A NEW PARKING APRON IS UNDER CONSTRUCTION ADJACENT TO
THE CIVILIAN TERMINAL PARKING APRON.

25X1D



KING HUSSEIN AIRFIELD

JO 3221N 03615E

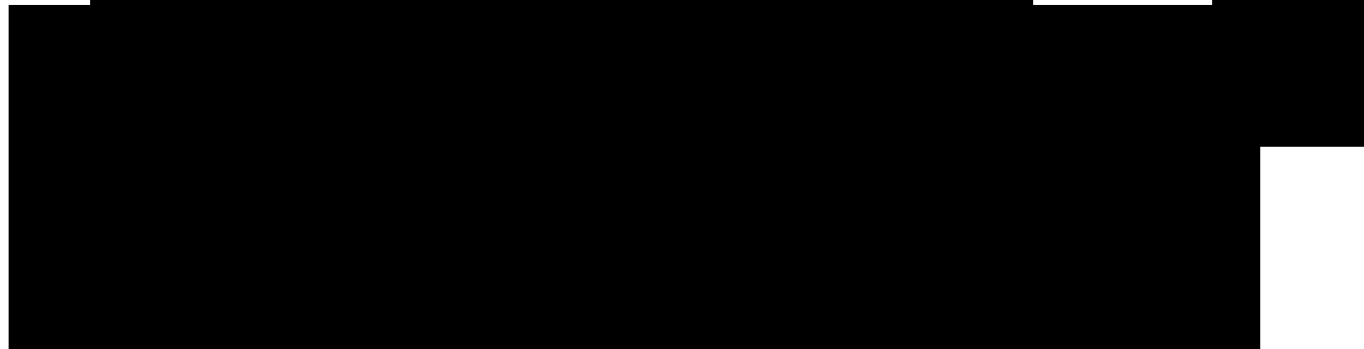
OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X9



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25X1A

ASWAN DAM AIRFIELD

EG 2357N 03249E

OB -- 1 MEDIUM STRAIGHT-WING AND 5 LIGHT STRAIGHT-WING
AT THE TERMINAL.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

25X9

CAIRO AIRFIELD

EG 3008N 03124E

OB -- 8 PROBABLE CAT/CUB AND 1 LIGHT STRAIGHT-WING ON
THE NE PARKING APRON, 3 LIGHT STRAIGHT-WING IN THE
MAINTENANCE AREA, AND 2 PROBABLE COMET, 1 PROBABLE
CAT/CUB, 4 LIGHT STRAIGHT-WING, AND 2 SMALL
STRAIGHT-WING ON THE TERMINAL PARKING APRON.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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25X1A

AL MINYA AIRFIELD

EG 2806N 03043E

25X1D OB [REDACTED] 1 LIGHT STRAIGHT-WING AND 3 POSSIBLE LIGHT STRAIGHT-WING.

25X1D [REDACTED] 1 LIGHT STRAIGHT-WING AND 3 PROBABLE LIGHT STRAIGHT-WING.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

[REDACTED]

NEW VALLEY AIRFIELD

EG 2527N 03034E

OB -- NONE OBSERVED.

THE RUNWAY IS BEING EXTENDED. NEW TENTATIVE DIMENSIONS ARE 8,200 X 165 FT WITH A 500-FT OVERRUN ON THE SOUTH END AND A 300-FT OVERRUN ON THE NORTH END.

25X1D

[REDACTED]

DARAW AIRFIELD

EG 2425N 03257E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

[REDACTED]

LUXOR AIRFIELD

EG 2540N 03242E

OB -- 2 MEDIUM STRAIGHT-WING AND 2 LIGHT STRAIGHT-WING ON THE TERMINAL PARKING APRON, 1 MEDIUM STRAIGHT-WING IN A REVETMENT NE OF THE TERMINAL, AND 1 LIGHT STRAIGHT-WING AND 2 SMALL POSSIBLE AIRCRAFT ON THE APRON SW OF THE TERMINAL.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

[REDACTED]

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25X1A

ASYUT AIRFIELD

EG 2711N 03104E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

EL GOLEA AIRFIELD

AG 3034N 00252E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

KHENCHELA AIRFIELD

AG 3525N 00708E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

GERYVILLE AIRFIELD NORTHEAST

AG 3343N 00106E

4.5 NM NE OF GERYVILLE.

25X1D

NE/SW SERVICEABLE BLACKTOP RUNWAY.

NO SUPPORT FACILITIES DISCERNIBLE.

25X1D

OB -- NONE OBSERVED.

CONSTANTINE/AIN EL BEY AIRFIELD

AG 3617N 00637E

25X1D

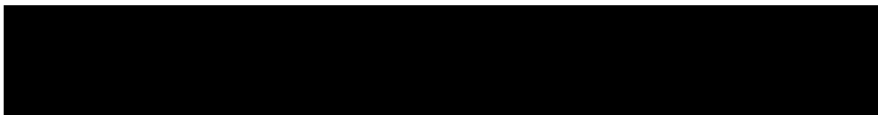
OB 1 MEDIUM STRAIGHT-WING.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

Handle Via

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25X1D



25X1A

ORAN/ES SENIA AIRFIELD

AG 3537N 00037W

1.5 NM SE OF LA SENIA.
8,065 X 165-FT ENE/WSW SERVICEABLE CONCRETE AND
BLACKTOP RUNWAY AND A 5,290 X 155-FT NE/SW SERVICEABLE
BLACKTOP RUNWAY WITH A COMPLEX TAXIWAY SYSTEM
CONSISTING OF 3 ALERT APRONS AND 2 PARKING APRONS.

SUPPORT FACILITIES ARE BOTH NORTH AND SOUTH OF THE MAIN
RUNWAY AND CONSIST OF 9 HANGARS, 45 ASSOCIATED
BUILDINGS, AND A HOUSING AREA.

OB -- NONE OBSERVED.

25X1D



OUARGLA AIRFIELD

AG 3155N 00525E

OB -- AT LEAST 27 SMALL SWEEP-WING.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



BISKRA AIRFIELD

AG 3448N 00544E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



BLIDA AIRFIELD

AG 3630N 00249E

OB -- 3 LIGHT STRAIGHT-WING, 2 SMALL STRAIGHT-WING, AND
4 LIGHT HELICOPTERS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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25X1D



25X1A

BOUFARIK AIRFIELD

AG 3633N 00253E

OB -- 6 CAT/CUB/CAMP AND 15 SMALL DELTA-WING.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



EL OUED/GUEMAR AIRFIELD

AG 3331N 00647E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



MECHERIA AIRFIELD

AG 3332N 00015W

1.5 NM SE OF MECHERIA.

25X1D

NE/SW SERVICEABLE BLACKTOP RUNWAY AND A
NNW/SSE SERVICEABLE BLACKTOP RUNWAY WITH
A PARALLEL TAXIWAY, 2 END-CONNECTING AND 4 CROSSOVER
TAXIWAYS, AND A PARKING APRON NORTH OF THE NE/SW
RUNWAY.

SUPPORT FACILITIES ARE IN 2 AREAS IMMEDIATELY NORTH AND
NW OF THE PARALLEL TAXIWAY.

OB -- NONE DISCERNIBLE.

25X1D



PAUL CAZELLES AIRFIELD

AG 3531N 00253E

OB -- 1 SMALL SWEPT-WING, 4 POSSIBLE SMALL SWEPT-WING,
AND 9 LIGHT STRAIGHT-WING.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

Handle Via

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TOP SECRET CHESS RUFF

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25X1D



25X1A

TAFARAQUI/LARTIGUE AIRFIELD

AG 3533N 00032W

1 NM WNW OF DOUAR-OUARDIA.

25X1D

[REDACTED] ENE/WSW SERVICEABLE CONCRETE AND
BLACKTOP RUNWAY WITH A BISECTING [REDACTED] NNE/SSW
UNSERVICEABLE BLACKTOP RUNWAY. A PARALLEL TAXIWAY, 2
25X1D
END-CONNECTING AND 4 CROSSOVER TAXIWAYS, A LOOP TAXIWAY
WITH 12 HARDSTANDS, 2 PARKING APRONS, AND 3 HANGAR
APRONS ARE SOUTH OF THE MAIN RUNWAY. A LOOP TAXIWAY
WITH 12 HARDSTANDS AND 2 HANGAR APRONS ARE NORTH OF THE
MAIN RUNWAY.

SUPPORT FACILITIES NORTH OF THE RUNWAY CONSIST OF 3
HANGARS, 10 ASSOCIATED BUILDINGS, AND 2 WATER
STANDPIPES. SUPPORT FACILITIES SOUTH OF THE RUNWAY
CONSIST OF 5 HANGARS, 18 ASSOCIATED BUILDINGS, AND A
HOUSING AREA.

OB -- NONE DISCERNIBLE.

25X1D



TEBESSA AIRFIELD

AG 3525N 00808E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



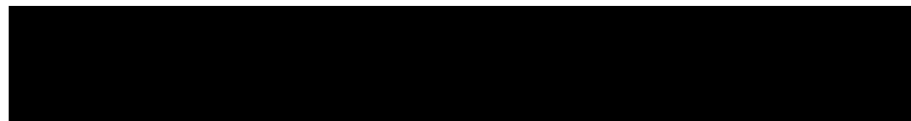
HELWAN AIRFIELD

EG 2949N 03119E

OB -- 1 PROBABLE CAT/CUB.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



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TOP SECRET CHESS RUFF
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25X1A

JERUSALEM AIRFIELD

JO 3152N 03513E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

25X9

DUKHAYLAH AIRFIELD

EG 3107N 02948E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

ANNABA AIRFIELD

AG 3650N 00749E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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MATRUH AIRFIELD

EG 3119N 02713E BONUS 1

1.8 NM SW OF MATRUH RAILROAD STATION.
6,500 X 140-FT NNW/SSE BLACKTOP RUNWAY WITH A PARALLEL
TAXIWAY AND 2 END-CONNECTING AND 4 CROSSOVER LINKS, ALL
BEING RESURFACED WITH BLACKTOP. 5,500 X 145-FT NE/SW
PROBABLY UNSERVICEABLE BLACKTOP RUNWAY (NOT BEING
RESURFACED) WITH A PARALLEL TAXIWAY AND 2
END-CONNECTING AND 3 CROSSOVER LINKS.

FACILITIES INCLUDE 1 BLACKTOP PARKING APRON AND AT
LEAST 4 SMALL SUPPORT BUILDINGS.

OB -- 13 SMALL POSSIBLE AIRCRAFT.

25X1D



Nuclear Energy

25X9

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**Naval
Activity/
Ports**

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25X1A

NAVAL ACTIVITY/PORTS

AL LADHIQIYAH PORT FACILITIES

SY 3530N 03545E

OB --- 3 LARGE AND 5 SMALL PROBABLE SURFACE COMBATANTS.

25X1D

AL ISKANDARIYAH PORT FACILITIES

EG 3111N 02952E

25X1D

OB [REDACTED] IN OUTER HARBOR -- 1 FLOATING DOCK
(CONTAINING AT LEAST 1 PROBABLE SS), 2 LARGE
COMBATANTS, AND AT LEAST 1 AUXILIARY.
AT NAVAL BASE -- 1 POSSIBLE SS, 1 LARGE COMBATANT, AND
SEVERAL MEDIUM AND SMALL COMBATANTS, INCLUDING 3
PROBABLE PTFG.
AT PORT FACILITIES -- 3 LARGE, 1 MEDIUM, AND SEVERAL
SMALL POSSIBLE COMBATANTS.

25X1D

25X1D

VESSELS [REDACTED] AT LEAST 21 UNIDENTIFIED VESSELS.
[REDACTED] IN OUTER HARBOR -- 16 PROBABLE FREIGHTERS.
AT PORT FACILITIES -- 2 TANKERS, 40 PROBABLE
FREIGHTERS, AND NUMEROUS SMALL VESSELS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

BUR SAID PORT FACILITIES

EG 3115N 03219E

OB -- 3 LARGE COMBATANTS (2 IN PORT AND 1 IN OUTER
HARBOR) AND 8 UNIDENTIFIED VESSELS, INCLUDING 1 IN A
FLOATING DOCK.

AT THE SOUTH END OF THE PORT IS AT LEAST 1 PROBABLE
SUNKEN VESSEL AND 4 PROBABLE MARKER BUOYS.

25X1D

**Biological/
Chemical
Warfare**

25X2

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**Electronics/
Communications**

25X9

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**Military
Activity**

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25X1A

MILITARY ACTIVITY

AT TUR MILITARY BARRACKS AREA

EG 2814N 03337E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

AL QAHIRAH BKS HQS 4 ARMD DIV CP HUCKSTEP EG 3008N 03126E

OB -- APPROXIMATELY 200 PROBABLE VEHICLES/PIECES OF
EQUIPMENT IN CAMP HUCKSTEP COMPLEX.

VEHICULAR ACTIVITY IS OBSERVED IN AN IMPROVED VEHICLE
PARK AT 30-06-05N 031-20-00E.

25X9

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

FAID ARMY BARRACKS AND ENGINEER DEPOT SSE EG 3016N 03220E

POOR INTERPRETABILITY AND SMALL SCALE PRECLUDE
IDENTIFICATION AND COUNT OF EQUIPMENT, BARRACKS, AND
TENTS.

25X1D

SHARM ASH SHAYKH MILITARY INSTALLATION

EG 2751N 03417E

FOUR POSSIBLE TENTS OBSERVED.

NO AIRCRAFT OR SUPPORT VEHICLES ARE OBSERVED AT RAS UMM
SID AIRFIELD.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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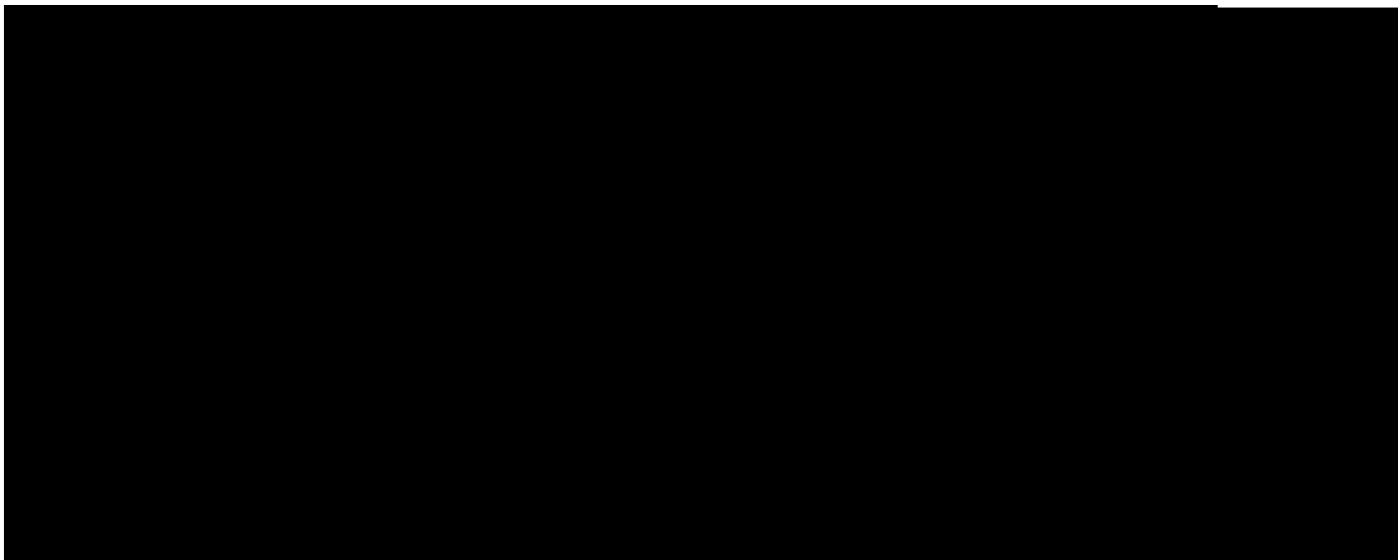
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25X1A

25X9



AL GHURDAQAH MILITARY INSTALLATION

EG 2715N 03349E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D



STRAIT OF TIRAN

EG 2758N 03425E

NO INDICATION OF MILITARY ACTIVITY OBSERVED.

25X1D



Complexes

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25X1A

COMPLEXES

AL QAHIRAH COMPLEX

EG 3003N 03116E

THE ENTIRE COMPLEX IS COVERED ON CLOUD-FREE PHOTOGRAPHY
OF GOOD INTERPRETABILITY.

25X1D

AL AQABAH COMPLEX

JO 2931N 03500E

SEVEN LARGE FREIGHTERS AND 15 SMALL CRAFT ARE OBSERVED
IN THE MAIN PORT AREA.

THE 5 TENTS AT THE SOUTH END OF AQABA AIRFIELD REMAIN.

25X1D

EL BIOD COMPLEX

AG 3346N 00008W

COMPLEX IS A SMALL AGRICULTURAL VILLAGE 16 NM NNE OF
MECHARIA, SERVED BY A NARROW GAUGE RAILROAD AND A
HARD-SURFACED DUAL-LANE HIGHWAY.

A PROBABLE MILITARY CAMP 1 NM SW OF THE VILLAGE AT
33-45N 000-09W CONSISTS OF 6 BARRACKS, 1 ADMINISTRATION
BUILDING, AND 6 SUPPORT BUILDINGS.

25X1D

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25X1A

INDEX OF TARGETS

AN ASTERISK (*) IN THE FINAL COLUMN DESIGNATES A TARGET THAT IS IDENTIFICATION ONLY.

COMOR INSTALLATION NAME CTY COORDINATES OAK

JABAL HAMZI SSM COMPLEX EG 3008N 03036E 1
HULWAN MUNITIONS PLANT 63 EG 2951N 03120E 1
AL QAHIRAH AIRFRAME PLANT HULWAN 36 EG 2950N 03118E 1

TIPASA SUSPECT SSM SEARCH AG 3635N 00227E 1
AL HAMMAM SUSPECT SAM SUPPORT FACILITY EG 3048N 02923E 1
HAWSHISA SUSPECT SAM SITE EG 3055N 03020E 1
ALGER SUSPECT SAM DEFENSE AREA AG 3647N 00303E 1
AL ISKANDARIYAH SAM SITE B05-2 EG 3118N 03003E 1
AL ISKANDARIYAH SAM SITE B24-2 EG 3105N 02943E 1
AL ISKANDARIYAH SAM SITE B15-2 EG 3058N 03005E *
AS SUWAYS SAM SITE B15-2 EG 2948N 03242E 1
AS SUWAYS SAM SITE B22-2 EG 2943N 03220E 1
AS SUWAYS SAM SITE C01-2 EG 3019N 03232E 1
AS SUWAYS SAM SUPPORT FACILITY EG 2959N 03231E *
AS SUWAYS SAM SITE B33-2 EG 3012N 03223E *
ASWAN SAM SITE B22-2 EG 2355N 03243E 1
ASWAN SAM SUPPORT FACILITY EG 2403N 03253E 1
ASWAN SAM SITE B15-2 EG 2356N 03259E 1
ASWAN SAM SITE A03-2 EG 2407N 03254E 1
BUR SAID SAM SITE A13-2 EG 3114N 03219E *
AL QAHIRAH SAM SITE B04-2 EG 3020N 03128E 1
AL QAHIRAH SAM SITE B09-2 EG 3004N 03132E *
AL QAHIRAH SAM SITE B17-2 EG 2945N 03121E 1
AL QAHIRAH SAM SITE B21-2 EG 2947N 03107E 1
AL QAHIRAH SAM SITE B27-2 EG 3002N 03054E 1
AL QAHIRAH SAM SITE B33-2 EG 3017N 03107E 1
AL QAHIRAH SAM SITE C27-2 EG 3004N 03051E *
AL QAHIRAH SAM SUPPORT FACILITY EAST EG 3004N 03122E 1
AL QAHIRAH SAM TRAINING SITE DAHSHUR EG 2949N 03107E 1
AL QAHIRAH SAM SUPPORT FACILITY NORTH EG 3031N 03110E 1
AL QAHIRAH SAM SITE D18-2 EG 2932N 03118E 1
TANTA SAM SITE C05-2 EG 3104N 03119E 1
TANTA SAM SITE C21-2 EG 3024N 03047E 1
TANTA SAM SITE A18-2 EG 3042N 03100E 1
TANTA SAM SITE C10-2 EG 3043N 03124E 1
TANTA SAM SITE C27-2 EG 3045N 03029E *

AL ISKANDARIYAH PROB SAM SUPPORT FAC SE EG 3050N 03008E *
CAIRO AIRFIELD WEST EG 3007N 03055E 1

DUMAYR AIRFIELD SY 3336N 03645E 1

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ABU SUWEIR AIRFIELD	EG 3034N 03206E 1
INCHAS AIRFIELD	EG 3020N 03126E 1

DAMASCUS AIRFIELD	SY 3328N 03613E 1
SAYQAL AIRFIELD	SY 3340N 03712E 1
ALEPPO AIRFIELD	SY 3611N 03713E *
HAMA AIRFIELD	SY 3507N 03642E 1
RAS BANAS AIRFIELD	EG 2358N 03527E 1
GEBEL LIBNI AIRFIELD	EG 3045N 03345E 1
BIR JIFJAFAH AIRFIELD	EG 3024N 03308E 1
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EL GOLEA AIRFIELD	AG 3034N 00252E 1
KHENCHELA AIRFIELD	AG 3525N 00708E 1
GERYVILLE AIRFIELD NORTHEAST	AG 3343N 00106E 1
CONSTANTINE/AIN EL BEY AIRFIELD	AG 3617N 00637E 1
ORAN/ES SENIA AIRFIELD	AG 3537N 00037W 1
DUARGLA AIRFIELD	AG 3155N 00525E 1
BISKRA AIRFIELD	AG 3448N 00544E 1
BLIDA AIRFIELD	AG 3630N 00249E 1
BOUFARIK AIRFIELD	AG 3633N 00253E 1
EL OUED/GUEMAR AIRFIELD	AG 3331N 00647E 1
MECHERIA AIRFIELD	AG 3332N 00015W 1
PAUL CAZELLES AIRFIELD	AG 3531N 00253E 1

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25X1A

TAFARAQUI/LARTIGUE AIRFIELD AG 3533N 00032W 1
TEBESSA AIRFIELD AG 3525N 00808E 1
HELWAN AIRFIELD EG 2949N 03119E 1
JERUSALEM AIRFIELD JO 3152N 03513E 1

DUKHAYLAH AIRFIELD EG 3107N 02948E 1
ANNABA AIRFIELD AG 3650N 00749E 1
MATRUH AIRFIELD EG 3119N 02713E 1

AL LADHIQIYAH NAVAL BASE AL MINA AL BAYDAHSY 3536N 03546E *
AL LADHIQIYAH PORT FACILITIES SY 3530N 03545E 1
AL ISKANDARIYAH PORT FACILITIES EG 3111N 02952E 1
BUR SAID PORT FACILITIES EG 3115N 03219E 1

AT TUR MILITARY BARRACKS AREA EG 2814N 03337E 1
AL QAHIRAH BKS HQS 4 ARMD DIV CP HUCKSTEP EG 3008N 03126E 1
FAID ARMY BARRACKS AND ENGINEER DEPOT SSE EG 3016N 03220E 1
SHARM ASH SHAYKH MILITARY INSTALLATION EG 2751N 03417E 1

AL GHURDAQAH MILITARY INSTALLATION EG 2715N 03349E 1
STRAIT OF TIRAN EG 2758N 03425E 1
AL QAHIRAH COMPLEX EG 3003N 03116E 1
AL AQABAH COMPLEX JO 2931N 03500E 1
EL BIOD COMPLEX AG 3346N 00008W 1

SOUTH CHINA AND NORTH VIETNAM

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PREFACE

THIS SECTION OF THE OAK REPORTS ON THE HIGHEST PRIORITY TARGETS IN CHINA SOUTH OF 32 DEGREES NORTH AND NORTH VIETNAM.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMIREX TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMIREX TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH), D FOR DESCENDING (NORTH-TO-SOUTH) OR M FOR A MIXED ASCENDING AND DESCENDING PASS. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME NUMBER TO WHICH THEY APPLY. THIS GRID IS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS FOR CONDITIONS AFFECTING INTERPRETABILITY ARE -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMI DARKNESS), D (DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), GR (GROUND RESOLUTION), AND SS (SMALL SCALE).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN ADDITIONAL INFORMATION. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

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25X1D

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Highlights

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HIGHLIGHTS

SOUTH CHINA IS COVERED ON PHOTOGRAPHY OF POOR-TO-FAIR INTERPRETABILITY WITH APPROXIMATELY 60 PERCENT CLOUD COVER. AN AIRFIELD WITH A 9,670 X 280-FT NE/SW RUNWAY IN AN EARLY STAGE OF CONSTRUCTION IS NEWLY IDENTIFIED 4.3 NM NORTH OF AN-CHING AT 30-35N 117-02E. THE SHANG-HAI/TA-CHANG AIRFIELD IS BEING RESURFACED AND THE NNW/SSE RUNWAY IS BEING EXTENDED 545 FEET, TO A NEW LENGTH OF 7,150 FEET. A PROBABLY OCCUPIED SA-2 SAM SITE IS NEWLY IDENTIFIED 5 NM NORTH OF SHANG-HAI AT 31-19N 121-30E. NO OTHER SIGNIFICANT CHANGES OR ACTIVITY ARE DISCERNIBLE. NO EVIDENCE OF ARMOR OR HEAVY EQUIPMENT IS OBSERVED. NO INDICATION OF ANY INTERRUPTION OF CIVIL TRANSPORTATION IS NOTED.

25X1D NORTH VIETNAM IS 95 PERCENT COVERED ON PHOTOGRAPHY WITH 50 PERCENT CLOUD COVER. A SEARCH OF CLOUD-FREE AREAS REVEALS NO SIGNIFICANT ACTIVITY. OF THE 200 KNOWN SAM SITES, 105 ARE OBSERVED IN CLOUD-FREE AREAS. OF THESE, 5 ARE OCCUPIED, HANOI A01-2, A14-2, B07A-2, B32-2, AND B33-2, 48 ARE UNOCCUPIED, AND THE OCCUPANCY OF THE REMAINING 52 SITES IS UNDETERMINED DUE TO THE LIMITING CONDITIONS OF THE PHOTOGRAPHY. NO NEW SAM INSTALLATIONS ARE IDENTIFIED.

A PRELIMINARY SEARCH OF ALL CLOUD-FREE AREAS REVEALS NO EVIDENCE OR INDICATIONS OF OFFENSIVE SURFACE-TO-SURFACE MISSILES.

STATUS OF TARGET READOUT

THIS SECTION OF THE OAK REPORTS ON 189 COMIREX TARGETS AND 2 BONUS TARGETS.

Missiles

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25X1A

MISSILES

HA NOI SAM SEARCH

VN 2102N 10551E

25X1D [REDACTED] THE ENTIRE 60-NM SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH 65 PERCENT CLOUD COVER. NO NEW SAM INSTALLATIONS ARE IDENTIFIED IN CLOUD-FREE AREAS.

25X1D [REDACTED] THE WESTERN 15 PERCENT OF THE 60-NM SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH 35 PERCENT CLOUD COVER. NO NEW SAM INSTALLATIONS ARE IDENTIFIED IN CLOUD-FREE AREAS.

25X1D [REDACTED]

LAO CAI SAM SEARCH

VN 2229N 10359E

25X1D [REDACTED] APPROXIMATELY 40 PERCENT IN THE EASTERN PORTION OF THE 60-NM SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH 95 PERCENT CLOUD COVER. NO NEW SAM ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D [REDACTED] APPROXIMATELY 95 PERCENT OF THE 60-NM SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH 15 PERCENT CLOUD COVER. NO NEW SAM INSTALLATIONS ARE IDENTIFIED IN CLOUD-FREE AREAS.

25X1D [REDACTED]

DIEN BIEN PHU SAM SEARCH

VN 2123N 10301E

APPROXIMATELY 80 PERCENT OF THE 60-NM SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH APPROXIMATELY 30 PERCENT CLOUD COVER. NO NEW SAM INSTALLATIONS ARE IDENTIFIED IN CLOUD-FREE AREAS.

25X1D [REDACTED]

VINH SAM SEARCH

VN 1840N 10540E

25X1D [REDACTED] APPROXIMATELY 75 PERCENT OF THE 60-NM SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH AN ESTIMATED 55 PERCENT CLOUD COVER. NO NEW SAM INSTALLATIONS ARE IDENTIFIED IN CLOUD-FREE AREAS.

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25X1D [REDACTED] APPROXIMATELY 30 PERCENT IN THE EASTERN
PORTION OF THE 60-NM SEARCH AREA IS COVERED ON
PHOTOGRAPHY WITH AN ESTIMATED 50 PERCENT CLOUD COVER.
NO NEW SAM INSTALLATIONS ARE IDENTIFIED IN CLOUD-FREE
AREAS.

25X1D [REDACTED] 25X1A

HSIN-CHENG SUSPECT SAM SITE CH 2533N 11436E

THE SEARCH AREA IS APPROXIMATELY 80 PERCENT CLOUD
COVERED. NO EVIDENCE OF SAM ACTIVITY OBSERVED IN
CLOUD-FREE AREAS.

25X1D

CAO BANG SAM SEARCH AREA VN 2240N 10615E

APPROXIMATELY 95 PERCENT OF THE 50-NM SEARCH AREA IS
COVERED ON PHOTOGRAPHY WITH AN ESTIMATED 50 PERCENT
CLOUD COVER. NO NEW SAM INSTALLATIONS ARE OBSERVED IN
CLOUD-FREE AREAS.

25X1D

DONG HOI SAM SEARCH AREA VN 1728N 10637E

APPROXIMATELY 30 PERCENT IN THE NORTHERN PORTION OF THE
60-NM SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH AN
ESTIMATED 60 PERCENT CLOUD COVER. NO NEW SAM
INSTALLATIONS ARE IDENTIFIED IN CLOUD-FREE AREAS.

25X1D

LIU-SHUI PROBABLE CD POSITIONS CH 2536N 11949E

THE AREA IS PARTIALLY CLOUD COVERED. NO EVIDENCE OF
COASTAL DEFENSE OR CRUISE-MISSILE SITES OBSERVED IN
CLOUD-FREE AREAS.

25X1D

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25X1A

WU-HAN MISSILE ACTIVITY SEARCH

CH 3033N 11417E

NO MISSILE ACTIVITY OBSERVED WITHIN CLOUD-FREE PORTIONS
OF THE 50-NM SEARCH AREA.

25X1D

HA NOI SAM SITE A10-2 (14)

VN 2101N 10558E

OCCUPANCY IS UNDETERMINED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

HA NOI SAM SITE A29-2 (15)

VN 2055N 10550E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

HA NOI SAM SITE B04-2 (5)

VN 2111N 10559E

SITE IS PROBABLY UNOCCUPIED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

HA NOI SAM SITE B29-2 (17)

VN 2104N 10539E

SITE IS PROBABLY UNOCCUPIED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

HA NOI SAM SITE B30-2 (16)

VN 2106N 10539E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

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25X1D



25X1A

HA NOI SAM SITE B17-2 (1)

VN 2047N 10554E

SITE IS PROBABLY UNOCCUPIED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



HA NOI SAM SITE B21-2 (2)

VN 2051N 10545E

OCCUPANCY IS UNDETERMINED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



HA NOI SAM SITE C28-2 (13)

VN 2105N 10529E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D



HA NOI SAM SITE A11-2 (9)

VN 2100N 10555E

SITE IS PROBABLY UNOCCUPIED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



HA NOI SAM SITE A24-2 (19)

VN 2056N 10543E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D



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25X1A

HA NOI SAM SITE D31A-2 (28)

VN 2124N 10517E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

HA NOI SAM SITE D36-2 (39)

VN 2132N 10547E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

HA NOI SAM SITE C06-2 (32)

VN 2119N 10615E

SITE IS PROBABLY UNOCCUPIED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

HA NOI SAM SITE D31B-2 (29)

VN 2123N 10520E

SITE IS PROBABLY UNOCCUPIED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

YEN BAI SAM SITE C17-2 (208)

VN 2123N 10517E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

HAI PHONG SAM SITE A29-2 (21)

VN 2052N 10634E

SITE IS PROBABLY UNOCCUPIED.

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NO SIGNIFICANT CHANGE OBSERVED.

25X1D

25X1A

HAI PHONG SAM SITE A20-2 (25)

VN 2044N 10639E

SITE IS PROBABLY UNOCCUPIED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

HAI PHONG SAM SITE A17-2 (34)

VN 2047N 10642E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

HAI PHONG SAM SITE B01-2 (35)

VN 2102N 10643E

OCCUPANCY IS UNDETERMINED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

HAI PHONG SAM SITE A29A-2 (37)

VN 2053N 10631E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

HAI PHONG SAM SITE B06-2 (47)

VN 2058N 10651E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

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25X1A

HAI PHONG SAM SITE A07-2 (55)

VN 2055N 10650E

SITE IS PROBABLY UNOCCUPIED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

HAI PHONG SAM SITE A23-2 (66)

VN 2045N 10635E

SITE IS PROBABLY UNOCCUPIED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

HAI PHONG SAM SITE A17A-2 (86)

VN 2042N 10644E

SITE IS PROBABLY UNOCCUPIED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

HA NOI SAM SITE B30A-2 (43)

VN 2108N 10535E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

HA NOI SAM SITE D03-2 (41)

VN 2128N 10607E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

HA NOI SAM SITE D04-2 (33)

VN 2125N 10612E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY

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UNREPORTED FEATURES OBSERVED.

25X1D

25X1A

HA NOI SAM SITE A17A-2 (45)

VN 2052N 10554E

OCCUPANCY IS UNDETERMINED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

HA NOI SAM SITE C01-2 (53)

VN 2125N 10551E

SITE IS PROBABLY UNOCCUPIED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

HA NOI SAM SITE C04-2 (54)

VN 2124N 10611E

THREE REVETTED PROBABLY UNOCCUPIED LAUNCH POSITIONS ARE
OBSERVED IN CLOUD-FREE AREAS.

25X1D

HA NOI SAM SITE B33-2 (64)

VN 2110N 10544E

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS, AT LEAST
4 OCCUPIED, AND A REVETTED OCCUPIED GUIDANCE AREA.

25X1D

HA NOI SAM SITE C06A-2 (78)

VN 2115N 10616E

SITE IS PROBABLY UNOCCUPIED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

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25X1A

HA NOI SAM SITE B07-2 (95)

VN 2108N 10609E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

HOA BINH SAM SITE C27-2 (226)

VN 2047N 10450E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

HAI PHONG SAM SITE B07-2 (98)

VN 2059N 10700E

SITE IS PROBABLY UNOCCUPIED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

HAI PHONG SAM SITE B01A-2 (121)

VN 2102N 10642E

OCCUPANCY IS UNDETERMINED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

HAI PHONG SAM SITE A06-2 (135)

VN 2056N 10648E

SITE IS PROBABLY UNOCCUPIED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

HAI PHONG SAM SITE B06B-2 (139)

VN 2057N 10651E

OCCUPANCY IS UNDETERMINED.

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NO SIGNIFICANT CHANGE OBSERVED.

25X1D

25X1A

HAI PHONG SAM SITE D23-2 (174)

VN 2028N 10614E

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A
REVETTED GUIDANCE AREA, ALL OF UNDETERMINED OCCUPANCY.

25X1D

VINH SAM SITE A07-2 (127)

VN 1840N 10542E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

VINH SAM SITE B21-2 (150)

VN 1828N 10536E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

VINH SAM SITE A01-2 (176)

VN 1846N 10541E

OCCUPANCY IS UNDETERMINED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

VINH SAM SITE A36-2 (179)

VN 1844N 10540E

SITE IS PROBABLY UNOCCUPIED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

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25X1A

VINH SAM SITE A11-2 (190)

VN 1837N 10548E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

VINH SAM SITE A01A-2 (221)

VN 1843N 10542E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

SHANG-HAI SAM SITE B36-2

CH 3126N 12126E

THE LAUNCH POSITIONS AND GUIDANCE AREA ARE PROBABLY
UNOCCUPIED. NO EVIDENCE OF NEW CONSTRUCTION OR CHANGES
TO PREVIOUSLY REPORTED FACILITIES.

25X1D

HA NOI SAM SITE B01-2 (119)

VN 2117N 10553E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

HA NOI SAM SITE D36A-2 (126)

VN 2135N 10550E

SITE IS PROBABLY UNOCCUPIED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

HA NOI SAM SITE A01-2 (133)

VN 2107N 10552E

SITE CONSISTS OF 6 REVETTED OCCUPIED LAUNCH POSITIONS,
A REVETTED OCCUPIED CENTRAL GUIDANCE AREA, AND A

Handle Via
Talent-Keyhole
Control System Only

TOP SECRET CHESS RUFF

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REVETTED OCCUPIED ACQUISITION RADAR SITE.

25X1D

25X1A

HA NOI SAM SITE C03A-2 (141)

VN 2119N 10602E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

HA NOI SAM SITE A14-2 (142)

VN 2056N 10558E

SITE IS POSSIBLY OCCUPIED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

HA NOI SAM SITE C32-2 (143)

VN 2119N 10531E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

HA NOI SAM SITE B32-2 (146)

VN 2115N 10535E

SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS, 5
OCCUPIED, AND A REVETTED OCCUPIED GUIDANCE AREA.

25X1D

HA NOI SAM SITE B07A-2 (148)

VN 2109N 10608E

SITE CONSISTS OF 6 REVETTED OCCUPIED LAUNCH POSITIONS
AND A REVETTED OCCUPIED GUIDANCE AREA.

25X1D

Handle Via
Talent-Keyhole
Control System Only

TOP SECRET CHESS RUFF

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25X1A

HA NOI SAM SITE B27-2 (180)

VN 2059N 10533E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

HA NOI SAM SITE B13-2 (184)

VN 2050N 10605E

SITE IS PROBABLY UNOCCUPIED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

HA NOI SAM SITE B04A-2 (186)

VN 2118N 10602E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

HA NOI POSSIBLE SAM SITE (199P)

VN 2134N 10600E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

HA NOI POSSIBLE SAM SITE (200P)

VN 2134N 10600E

SITE IS PROBABLY UNOCCUPIED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

YU-SHAN SAM SITE A05-2

CH 2842N 11817E

TWO LAUNCH POSITIONS ARE PROBABLY OCCUPIED AND 4
POSITIONS AND THE GUIDANCE AREA ARE PROBABLY

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UNOCCUPIED. AT LEAST 20 TENTS AND SEVERAL VEHICLES OR
PIECES OF EQUIPMENT ARE OBSERVED.

25X1D

25X1A

HA NOI PROB SA-2 MISSILE EQPT TRNG AREA VN 2127N 10555E

AREA APPEARS ACTIVE AND IS STILL PROBABLY USED FOR
TRAINING. NO VEHICLES OR EQUIPMENT OBSERVED.

25X1D

NA SAN SAM SITE C13-2 (228) VN 2056N 10428E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

NA SAN SAM SITE A12-2 (232) VN 2109N 10408E

SITE CONSISTS OF 3 UNREVIEWED UNOCCUPIED LAUNCH
POSITIONS AND AN UNREVIEWED UNOCCUPIED GUIDANCE AREA.
NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D

PEI-LING PAN-TAO CRUISE MISSILE SITE CH 2620N 11950E

NO EVIDENCE OF A CRUISE-MISSILE SITE OR
MISSILE-ASSOCIATED ACTIVITY OBSERVED WITHIN A 5-NM
RADIUS OF THE REFERENCED COORDINATES. A 4-POSITION
PROBABLY UNOCCUPIED COASTAL DEFENSE SITE IS AT
26-19-00N 119-51-50E.

25X1D

SHANG-HAI SAM SITE A02-2 CH 3119N 12130E BONUS 1

5 NM NORTH OF SHANG-HAI AT 31-19-55N 121-30-05E.
NEWLY IDENTIFIED SA-2 SITE CONSISTS OF 6 REVIEWED OR
FENCED LAUNCH POSITIONS, PROBABLY OCCUPIED, AND AN
UNREVIEWED GUIDANCE AREA CONTAINING AN L-SHAPED

Handle Via

TALENT-KEYHOLE
Control System Only

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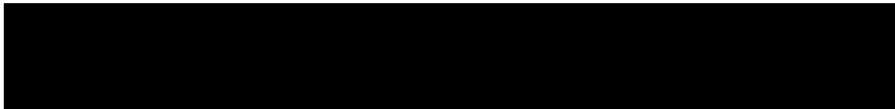
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STRUCTURE AND AN UNIDENTIFIED OBJECT. THE SITE IS
WITHIN THE PERIMETER FENCE OF THE SHANG-HAI/CHIANG-WAN
AIRFIELD [REDACTED] SEVERAL VEHICLES/PIECES OF
EQUIPMENT ARE ON AN ADJACENT PARKING APRON.

25X1A

25X1D



Air Facilities

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25X1A

AIR FACILITIES

CHIA-HSING AIRFIELD

CH 3024N 12040E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

SHANG-HAI/CHIANG-WAN AIRFIELD

CH 3120N 12130E

OB -- AT LEAST 9 SMALL SWEEP-WING AND 2 LIGHT
STRAIGHT-WING.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

CHU-HSIEN AIRFIELD

CH 2857N 11853E

25X1D

OB [REDACTED] AT LEAST 35 POSSIBLE SMALL AIRCRAFT.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

CHUNG-AN AIRFIELD

CH 2742N 11800E

OB -- NONE DISCERNIBLE.

NO APPARENT CHANGES IN FACILITIES OBSERVED SINCE THE
MOST RECENT COVERAGE. NO RADAR FACILITIES ARE
DISCERNIBLE.

25X1D

HAN-KOU/WANG-CHIA-TUN AIRFIELD

CH 3035N 11414E

OB -- 1 CRATE, 1 CAB, 4 SMALL SWEEP-WING, AND AT LEAST
8 POSSIBLE SMALL AIRCRAFT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR

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PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X1A

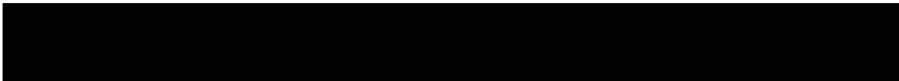
HANG-CHOU/CHIEN-CHIAO AIRFIELD

CH 3019N 12014E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D



NAN-CHANG/HSIANG-TANG AIRFIELD

CH 2825N 11555E

OB -- AT LEAST 34 SMALL PROBABLE SWEEP-WING.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



HSIN-CHENG AIRFIELD

CH 2532N 11437E

OB -- 13 POSSIBLE SMALL SWEEP-WING AND 1 POSSIBLE SMALL
STRAIGHT-WING.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SHANG-HAI/HUNG-CHIAO AIRFIELD

CH 3111N 12120E

OB -- AT LEAST 18 POSSIBLE AIRCRAFT.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D



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25X1A

LU-CHIAO AIRFIELD

CH 2833N 12125E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

SHANG-HAI/LUNG-HUA AIRFIELD

CH 3109N 12127E

OB -- AT LEAST 20 SMALL SWEEP-WING AND 7 SMALL
STRAIGHT-WING.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

LUNG-TIEN AIRFIELD

CH 2534N 11927E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

MENG-TZU AIRFIELD WEST

CH 2323N 10320E

OB -- AT LEAST 7 PROBABLE SMALL AIRCRAFT.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

NAN-CHANG AIRFIELD NEW

CH 2838N 11555E

OB -- 13 SMALL STRAIGHT-WING.

NO NEW CONSTRUCTION OBSERVED IN NAN-CHANG AIRFRAME
PLANT 320.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO NEW ELECTRONICS OR COMMUNICATIONS FACILITIES
OBSERVED.

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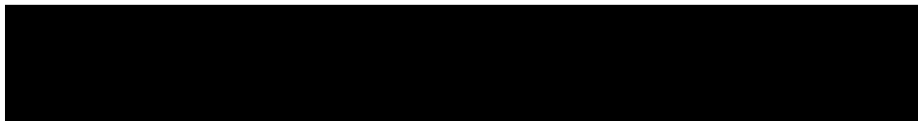
TOP SECRET CHESS RUFF

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25X1D



25X1A

FU-SHOU/I-HSU AIRFIELD

CH 2600N 11918E

OB -- 16 SMALL SWEPT-WING AND 1 SMALL STRAIGHT-WING.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D



SHAN-PO AIRFIELD

CH 3005N 11418E

OB -- AT LEAST 20 SMALL SWEPT-WING.

NO RADAR FACILITIES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SHANG-HAI/TA-CHANG AIRFIELD

CH 3118N 12124E

OB -- NONE OBSERVED.

THE RUNWAYS AND TAXIWAYS ARE BEING RESURFACED. THE
NNW/SSE RUNWAY IS BEING EXTENDED 545 FT AT THE NNW END
FOR A TOTAL LENGTH OF 7,150 FT. A PARALLEL TAXIWAY IS
UNDER CONSTRUCTION EAST OF THE NNW/SSE RUNWAY.

25X1D



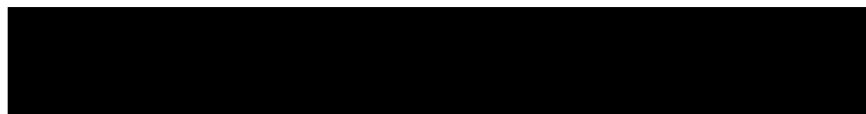
WU-HU AIRFIELD

CH 3123N 11824E

OB -- NONE DISCERNIBLE.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D



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25X1A

HAIPHONG/CAT BI AIRFIELD

VN 2049N 10643E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

HAIPHONG/KIEN AN AIRFIELD

VN 2048N 10636E

OB -- NONE OBSERVED.

STATUS OF CONSTRUCTION IS UNDETERMINED DUE TO SMALL
SCALE.

25X1D

HANOI/BAC MAI AIRFIELD

VN 2059N 10550E

OB -- 4 SMALL PROBABLE AIRCRAFT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

HANOI/GIA LAM AIRFIELD

VN 2102N 10553E

OB -- 2 PROBABLE CRATE, AT LEAST 2 PROBABLE SMALL
SWEEP-WING, AND 2 POSSIBLE SMALL STRAIGHT-WING.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

PHUC YEN AIRFIELD

VN 2113N 10548E

OB -- AT LEAST 6 SMALL POSSIBLE AIRCRAFT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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25X1A

25X1D

KUN-MING/WU-CHIA-PA AIRFIELD

CH 2459N 10244E

OB -- 1 CRATE AND 5 POSSIBLE SMALL AIRCRAFT.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

KEP AIRFIELD

VN 2124N 10616E

OB -- NONE OBSERVED.

CONSTRUCTION STATUS IS UNDETERMINED DUE TO SMALL SCALE.

25X1D

HO-FEI AIRFIELD

CH 3151N 11719E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

PING-YUAN-CHIEH AIRFIELD

CH 2342N 10349E

OB -- NONE OBSERVED.

CONSTRUCTION STATUS OF THE POSSIBLE POL STORAGE AREA IS UNDETERMINED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D

YEN BAI AIRFIELD

VN 2143N 10451E

OB -- NONE OBSERVED.

THE AIRFIELD IS IN AN EARLY STAGE OF CONSTRUCTION.

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NO AIRFIELD FACILITIES, SECURITY, DEFENSES, OR
COMMUNICATIONS OR ELECTRONICS FACILITIES ARE
DISCERNIBLE.

25X1D

25X1A

HOA LAC AIRFIELD

VN 2101N 10530E

OB -- 2 SMALL PROBABLE SWEPT-WING.

CONSTRUCTION STATUS IS UNDETERMINED DUE TO SMALL SCALE
AND HAZE.

25X1D

AN-CHING AIRFIELD

CH 3035N 11702E BONUS 1

4.3 NM NORTH OF AN-CHING.

A 9,670 X 280-FT NE/SW RUNWAY IS IN THE EARLY STAGES OF
CONSTRUCTION. SURVEY LINES AND MINOR SURFACE GRADING
FOR A PARALLEL TAXIWAY ON THE NW SIDE OF THE RUNWAY ARE
ALSO VISIBLE. PROBABLY ASSOCIATED POL AND EXPLOSIVES
STORAGE AREAS ARE IN EARLY STAGES OF CONSTRUCTION IN
VALLEYS NORTH AND WEST OF THE RUNWAY. AT LEAST 200
CONSTRUCTION SUPPORT BUILDINGS ARE PRESENT IN AND NW OF
THE CONSTRUCTION AREA. SOME OF THE CONSTRUCTION
SUPPORT BUILDINGS AND SURVEY LINES ARE VISIBLE

25X1D

25X1D

(SEE ATTACHMENT)

25X1D

Nuclear Energy

25X2

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**Naval
Activity /
Ports**

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25X1A

NAVAL ACTIVITY/PORTS

SHANG-HAI NVB A SHPYD CHIANG-NAN DOCK CO CH 3112N 12129E

OB -- 3 POSSIBLE SS IN WATER, 2 POSSIBLE SS ON BUILDING
WAYS, 1 LARGE CARGO VESSEL IN GRAVING DOCK, 4
UNIDENTIFIED SMALL VESSELS IN THE DOWNSTREAM GRAVING
DOCKS, 2 MERCHANT SHIPS AT UPSTREAM WHARF, 2 MERCHANT
SHIPS AT DOWNSTREAM WHARF, AND NUMEROUS UNIDENTIFIED
SMALL CRAFT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

PING-TAN NAVAL BASE

CH 2530N 11943E

OB -- 2 PROBABLE PT/PGM AND AT LEAST 8 UNIDENTIFIED
VESSELS AT PIERS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

PU-MEN-CHENG NAVAL BASE

CH 2714N 12022E

OB -- 3 PROBABLE PT/PGM AND 8 UNIDENTIFIED VESSELS AT
PIERS. ONE PROBABLE VESSEL IS ON THE MARINE RAILWAY.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

SHANG-HAI NAVAL BASE WU-SUNG

CH 3123N 12130E

OB -- 1 POSSIBLE DE, 2 MEDIUM COMBATANTS, AND AT LEAST
10 SMALL CRAFT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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25X1D



25X1A

SAN-TU-AO NAVAL BASE WEST

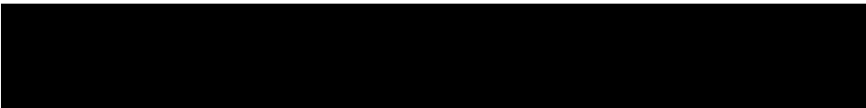
CH 2638N 11940E

OB -- SEVERAL PROBABLE VESSELS.

PHOTOGRAPHY OF POOR INTERPRETABILITY PRECLUDES DETAILED IDENTIFICATION.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



TUNG-CHUNG NAVAL FACILITY

CH 2632N 11950E

OB -- 3 UNIDENTIFIED COMBATANTS AND SEVERAL UNIDENTIFIED SMALL VESSELS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SHANG-HAI SHIPYARD COMPLEX

CH 3115N 12132E

THIS COMPLEX IS COMPRISED OF SHANG-HAI SHIPYARD EAST AND SHANG-HAI SHIPYARD WEST. NO UNUSUAL SHIPPING ACTIVITY IS OBSERVED.

OB -- SHANG-HAI SHIPYARD EAST -- 1 LST, 1 POSSIBLE AO/YO, 2 POSSIBLE MEDIUM COMBATANTS, 2 VESSELS IN THE GRAVING DOCK, SEVERAL UNIDENTIFIED VESSELS ON THE BUILDING WAYS, AND NUMEROUS UNIDENTIFIED VESSELS AT THE QUAYS.

SHANG-HAI SHIPYARD WEST -- 2 MERCHANT SHIPS IN GRAVING DOCK AND 2 MERCHANT SHIPS AT THE FITTING-OUT WHARF.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



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TOP SECRET CHESSE RUFF

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25X1A

SHANG-HAI SHIPYARD CHUNG-HUA

CH 3116N 12133E

VESSELS -- AT LEAST 3 POSSIBLE VESSELS UNDER
CONSTRUCTION ON THE BUILDING WAYS AND SEVERAL SMALL
VESSELS AT THE FITTING-OUT WHARVES.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

SHANG-HAI NVB AND SHIPYARD HU-TUNG

CH 3116N 12133E

VESSELS -- 2 LARGE VESSELS ON THE BUILDING WAY, 4 LARGE
VESSELS AT THE FITTING-OUT WHARF, AND NUMEROUS
UNIDENTIFIED VESSELS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

SHANG-HAI PORT FACILITIES NORTH

CH 3122N 12130E

VESSELS -- 3 LARGE AND 1 MEDIUM DRY CARGO VESSELS, 1
LARGE, 1 MEDIUM, AND 1 SMALL TANKERS, AND NUMEROUS
UNIDENTIFIED SMALL CRAFT, NATIVE VESSELS, AND RIVER
BARGES. POOR INTERPRETABILITY PRECLUDES DETERMINATION
OF SHIP DIMENSIONS.

NO INDICATIONS OF POL FACILITY BUILDUP OR LARGE SCALE
TRANSHIPMENT OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

SHANG-HAI PORT FACILITIES SOUTH

CH 3113N 12130E

VESSELS -- 5 LARGE PROBABLE DRY CARGO VESSELS AND 7
MEDIUM PROBABLE DRY CARGO VESSELS. POOR
INTERPRETABILITY PRECLUDES DETERMINATION OF SHIP
DIMENSIONS.

NO INDICATIONS OF POL FACILITY BUILDUP OR LARGE SCALE

TOP SECRET CHESS RUFF

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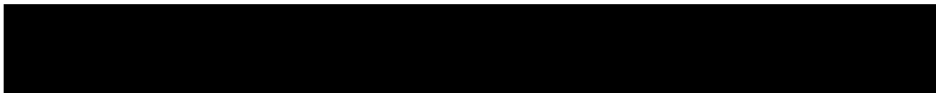
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TRANSSHIPMENT OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



25X1A

SHANG-HAI PORT FACILITIES PU-TUNG

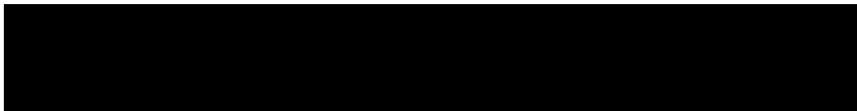
CH 3114N 12131E

VESSELS -- 21 LARGE PROBABLE DRY CARGO VESSELS AND 42
MEDIUM PROBABLE DRY CARGO VESSELS. POOR
INTERPRETABILITY PRECLUDES DETERMINATION OF SHIP
DIMENSIONS.

NO INDICATIONS OF POL FACILITY BUILDUP OR LARGE SCALE
TRANSSHIPMENT OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



SHANG-HAI PORT FACILITIES CENTRAL

CH 3118N 12133E

VESSELS -- 8 LARGE AND 2 MEDIUM DRY CARGO VESSELS AND
NUMEROUS RIVER CRAFT AND FISHING VESSELS. POOR
INTERPRETABILITY PRECLUDES DETERMINATION OF SHIP
DIMENSIONS.

NO INDICATIONS OF POL FACILITY BUILDUP OR LARGE SCALE
TRANSSHIPMENT OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



HON GAI PORT FACILITIES

VN 2057N 10705E

VESSELS -- 2 CARGO VESSELS IN ROADSTEAD AND NUMEROUS
SMALL VESSELS IN THE PORT FACILITY.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

TOP SECRET CHESS RUFF

Handle Via

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25X1D



25X1A

HA TOU SHIPYARD

VN 2056N 10709E

VESSELS -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



BEN THUY COASTAL TRANSSHIPMENT POINT

VN 1839N 10542E

VESSELS -- 1 CAPSIZED CARGO VESSEL.

NO EQUIPMENT OR SUPPLIES ARE VISIBLE IN THE STORAGE AND
LOADING/UNLOADING AREAS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



**Electronics/
Communications**

Handle Via

TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

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25X1A

ELECTRONICS/COMMUNICATIONS

WU-YUAN SUSPECT COMMUNICATIONS SITE

CH 2900N 11750E

THE ENTIRE SEARCH AREA IS COVERED ON 50 PERCENT
CLOUD-FREE PHOTOGRAPHY OF POOR INTERPRETABILITY. NO
COMMUNICATIONS FACILITY OBSERVED.

25X1D

TING-HAI AIR WARNING RADAR FACILITY

CH 2622N 11949E

SMALL SCALE PRECLUDES IDENTIFICATION OF RADAR TYPE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

**Military
Activity**

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

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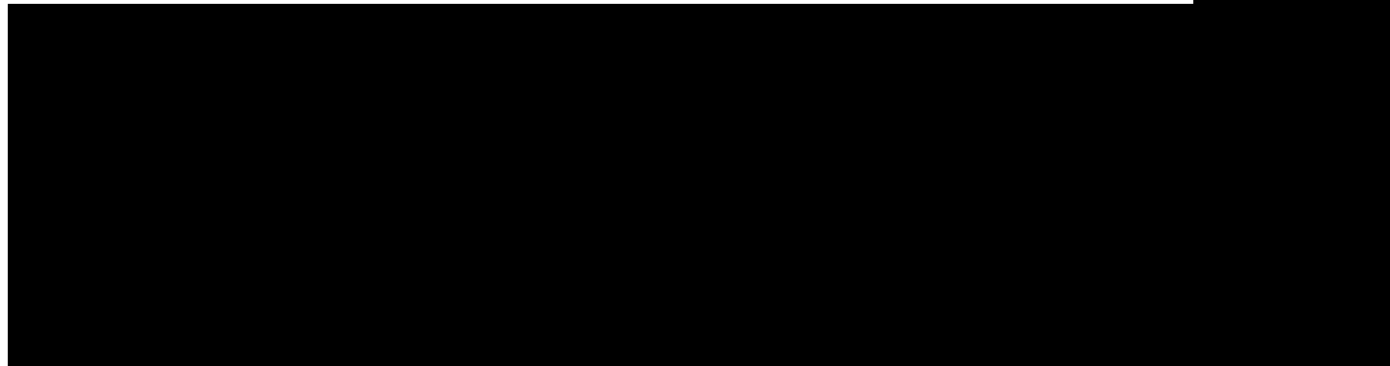
TCS-80495/67

KH-4 MISSION 1043-1,8-14 AUGUST 1967

25X1A

MILITARY ACTIVITY

25X2



CHIN-HUA MILITARY COMPLEX

CH 2908N 11937E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D



CHU-CHING MILITARY AREA

CH 2530N 10347E

NO NEW MILITARY AREAS OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

NO NEW ELECTRONICS OR COMMUNICATIONS FACILITIES
OBSERVED.

25X1D



HSIAO-KAN ARMY BARRACKS AND HQ 15TH ARMY CH 3056N 11354E

NO NEW SECURITY OR DEFENSES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

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KH-4 MISSION 1043-1,8-14 AUGUST 1967

25X1D



25X1A

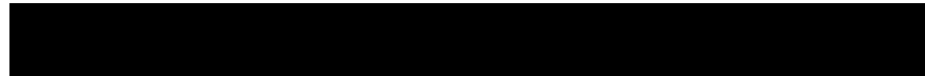
HUANG-PEI MILITARY INSTALLATIONS

CH 3052N 11420E

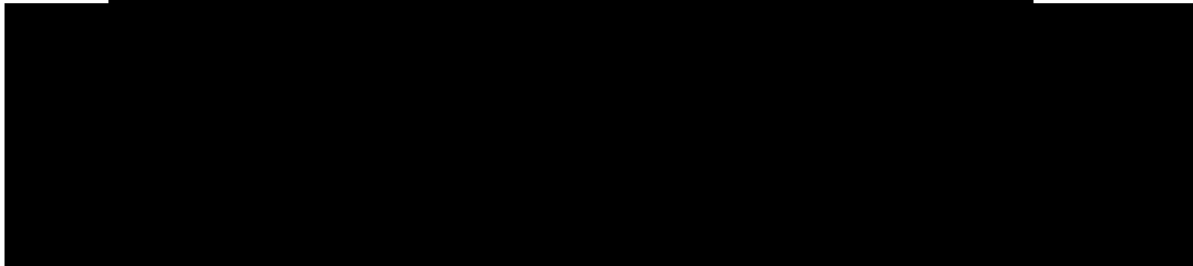
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D



25X2



I-LIANG ARMY BARRACKS SOUTH 1

CH 2451N 10308E

NO NEW SECURITY OR DEFENSES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

25X1D



KAI-YUAN ARMY BARRACKS NORTHEAST

CH 2343N 10315E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

25X1D



Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

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25X1A

KUN-MING GENERAL SUPPLY DEPOT

CH 2501N 10244E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

AREA APPEARS OCCUPIED AND ALL PORTIONS APPEAR ACTIVE.

25X1D

KUN-MING AMMO & SUPPLY DPO TA-PAN-CHIAO

CH 2503N 10250E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

LIEN-CHIANG ARMY BARRACKS NORTHWEST

CH 2614N 11929E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

LING-CHIA-CHIAO ARMY BARRACKS WEST

CH 3009N 12001E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

HANG-CHOU ARMY BARRACKS WEST AL 1

CH 3014N 12003E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

Handle Via
Talent-Keyhole
Control System Only

TOP SECRET CHESS RUFF

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KH-4 MISSION 1043-1,8-14 AUGUST 1967

25X1D



25X1A

HANG-CHOU ARMY BARRACKS AREAS

CH 3017N 12011E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D



MA-LI-PO SUPPLY DEPOT

CH 2307N 10443E

NO SECURITY OR DEFENSES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

25X1D



MENG-TZU MILITARY COMPLEX

CH 2321N 10323E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

25X1D



MENG-TZU MILITARY ACTIVITY

CH 2325N 10316E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

25X1D



Handle Via
Talent-Keyhole
Control System Only

TOP SECRET CHESS RUFF

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25X1A

PING-HSIANG ARMY DEPOT

CH 2205N 10645E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

25X1D

SHANG-JAO MILITARY COMPLEX

CH 2829N 11755E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

SHANG-JAO AMMUNITION DEPOT WNW

CH 2807N 11751E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

TAN-YANG ARMY BARRACKS SOUTHEAST

CH 2620N 11930E

SMALL SCALE PRECLUDES DETERMINATION OF SECURITY AND
DEFENSES AND EVIDENCE OF INCREASED TROOP OR SUPPLY
BUILDUP.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

Handle Via
Talent-Keyhole
Control System Only

TOP SECRET CHESS RUFF

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25X1A

TUNG-CHI ARMY BARRACKS

CH 2624N 11930E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

WANG-TAI WAREHOUSE AREA

CH 2636N 11759E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

YING-SHAN ARMY BARRACKS AREA

CH 3137N 11351E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

VAN HOI MILITARY AREAS

VN 2131N 10454E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

25X1D

WEN-SHAN ARMY BARRACKS WEST

CH 2322N 10413E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

Handle Via
TALENT-KEYHOLE
Control System Only

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TOP SECRET CHESS RUFF

TCS-80495/67

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25X1D



25X1A

HO-KOU ARMY BARRACKS NORTH

CH 2232N 10357E

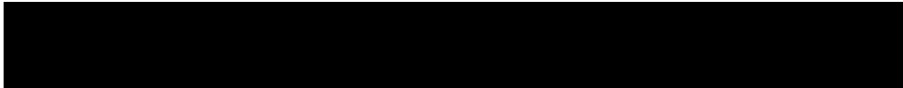
NO EVIDENCE OF TRAINING AREAS OR OTHER TROOP ACTIVITY
OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

25X1D



I-CHUN PROBABLE MILITARY BARRACKS AREA

CH 2748N 11424E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

NO INDICATION OF MILITARY ACTIVITY OBSERVED.

25X1D



NAN-CHANG MILITARY BARRACKS WEST

CH 2840N 11547E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

NO INDICATION OF MILITARY ACTIVITY OBSERVED.

25X1D



SU-CHOU BARRACKS & HQ 79TH INFANTRY DIV W CH 3118N 12035E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

KH-4 MISSION 1043-1,8-14 AUGUST 1967

25X1D



25X1A

THAI NGUYEN ARMY SUPPLY DEPOT NORTH VN 2138N 10551E

NO COMMUNICATIONS FACILITIES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

25X1D



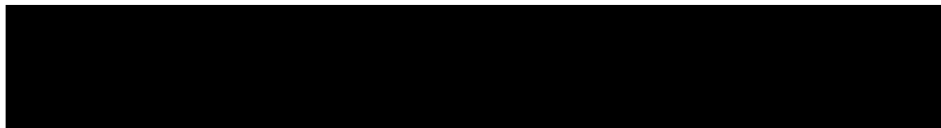
BAC CAN ARMY BKS AND SUPPLY DEPOT VN 2208N 10550E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

25X1D



BAC GIANG MILITARY AREA VN 2117N 10612E

THE AREA CONTAINS 15 LARGE POSSIBLE STORAGE BUILDINGS
AT UTM XS248542. IT DOES NOT APPEAR TO BE MILITARY IN
NATURE. THE PREVIOUSLY REPORTED AREA AT UTM XS246537
APPEARS TO HAVE BEEN RAZED.

25X1D



NIU-WO-PAI MOTOR PARKS CH 2334N 10317E

AREA 0.5 NORTH OF NIU-WO-PAI CONTAINS 6 STORAGE/SUPPORT
BUILDINGS AND 1 MOTOR PARK.

AREA 1.5 NM NORTH OF NIU-WO-PAI CONTAINS 1 PROBABLE
VEHICLE STORAGE BUILDING AND 1 MOTOR PARK.

AREA 0.5 NM SW OF NIU-WO-PAI CONTAINS APPROXIMATELY 15

Handle Via

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STORAGE BUILDINGS ON THE BANKS OF AN UNNAMED STREAM.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

25X1A

25X1D

25X1B

LU-LIANG STORAGE AREA

CH 2521N 10347E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

HAN-KOU STORAGE AREA

CH 3044N 11421E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

TSA-TI-PAO ROAD

CH 2302N 10341E

THE ROAD BETWEEN 23-02N 103-41E AND THE VIETNAM BORDER
AT 22-30N 103-58E IS COMPLETE AND SERVICEABLE. A ROAD
IS UNDER CONSTRUCTION EXTENDING 2 NM NE FROM THE MAIN
ROAD AT 22-47N 103-39E. A COMPLETED ROAD EXTENDS FROM
23-00N 103-38E EAST TO THE KUN-MING/HANOI RAIL LINE.
NO VEHICLES OBSERVED.

25X1D

Handle Via

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Control System Only

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25X1D



25X1A

WU-PU-CHIEH ROAD CONSTRUCTION

CH 2314N 10454E

THE ROAD IS BEING EXTENDED APPROXIMATELY 5 NM TO THE EAST FROM 23-22N 105-09E TO 23-15N 105-14E. THE REMAINDER OF THE ROAD IS CLOUD COVERED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D



HA NOI/LAO CAI RR SEGMENT 2

VN 2200N 10433E

THE ENTIRE RAIL SEGMENT IS OBSERVED.

NO MILITARY ACTIVITY, COMMUNICATIONS FACILITIES, OR RAIL TRAFFIC OBSERVED.

CONSTRUCTION APPEARS COMPLETE ON THE RAIL BY-PASS AND BRIDGE AT 22-08-45N 104-23-25E. THE MAIN BRIDGE APPEARS UNSERVICEABLE AT 22-08-57N 104-23-17E. ANOTHER RAIL BY-PASS IS UNDER CONSTRUCTION AT 22-04-45N 104-28-20E. STATUS OF THE RAIL BY-PASS OBSERVED AT 21-54-40N 104-39-40E IS UNDETERMINED.

25X1D



HA NOI/LAO CAI RR SEGMENT 1

VN 2220N 10410E

THE ENTIRE RAIL SEGMENT IS OBSERVED.

NO MILITARY ACTIVITY, COMMUNICATIONS FACILITIES, OR RAIL TRAFFIC OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D



HA NOI/LAO CAI RR SEGMENT 3

VN 2140N 10456E

THE RAIL SEGMENT IS OBSERVED FROM 21-49N 104-45E TO 21-32N 105-02E.

Handle Via
TALENT-KEYHOLE
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TOP SECRET CHESS RUFF

TCS-80495/67

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NO MILITARY ACTIVITY, COMMUNICATIONS FACILITIES, OR
RAIL TRAFFIC OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D



25X1A

HA NOI/PING-HSIANG RR SEGMENT 2

VN 2132N 10627E

THE ENTIRE RAIL SEGMENT IS OBSERVED THROUGH SCATTERED
CLOUD COVER. NO MILITARY ACTIVITY, COMMUNICATIONS
FACILITIES, OR RAIL TRAFFIC OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D



HA NOI/PING-HSIANG RR SEGMENT 1

VN 2145N 10644E

THE ENTIRE RAIL SEGMENT IS OBSERVED THROUGH SCATTERED
CLOUD COVER. NO MILITARY ACTIVITY, COMMUNICATIONS
FACILITIES, OR RAIL TRAFFIC OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D



HA NOI/PING-HSIANG RR SEGMENT 3

VN 2110N 10604E

THE ENTIRE RAIL SEGMENT IS OBSERVED THROUGH SCATTERED
CLOUD COVER. NO MILITARY ACTIVITY OR RAIL TRAFFIC
OBSERVED. NO COMMUNICATIONS FACILITIES OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D



HA NOI/LAO CAI RR SEGMENT 4

VN 2120N 10520E

THE RAIL SEGMENT IS OBSERVED THROUGH HEAVY CLOUD COVER
FROM 21-24N 105-10E TO 21-18N 105-35E.

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100490001-9

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NO MILITARY ACTIVITY, COMMUNICATIONS FACILITIES, OR
RAIL TRAFFIC OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D



25X1A

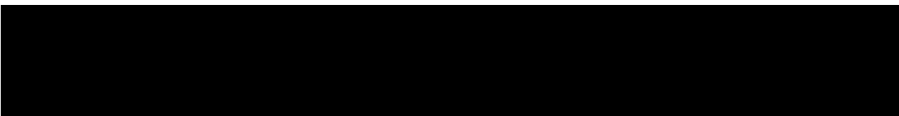
HA NOI/LAO CAI RR SEGMENT 5

VN 2110N 10548E

SEGMENTS OF THE RAIL LINE ARE OBSERVED THROUGH
SCATTERED CLOUD COVER. NO MILITARY ACTIVITY,
COMMUNICATIONS FACILITIES, OR RAIL TRAFFIC OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D



SSU-MAO/MENG-TZU ROAD

CH 2256N 10215E

THE ROAD IS OBSERVED INTERMITTENTLY THROUGH SCATTERED
CLOUD COVER BETWEEN 23-00N 102-14E AND 23-23N 103-23E.
THE ROAD IS COMPLETE AND SERVICEABLE. NO MILITARY
ACTIVITY OBSERVED.

25X1D



KEP/THAI NGUYEN RAILROAD

VN 2130N 10607E

THE ENTIRE RAIL LINE IS OBSERVED THROUGH SCATTERED
CLOUD COVER. SEVERAL ACCESS ROADS EXTEND FROM THE ROAD
PARALLELING THE RAIL LINE.

NO MILITARY ACTIVITY, COMMUNICATIONS FACILITIES, OR
STORAGE FACILITIES OBSERVED. NO DEFENSES OR RAIL
TRAFFIC OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D



Complexes

TOP SECRET CHESS RUFF

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25X1A

COMPLEXES

KUN-MING COMPLEX

CH 2504N 10241E

NO NEW INDUSTRIAL FACILITIES OR CHANGES IN EXISTING FACILITIES, CONSTRUCTION OF DEFENSES OR CIVIL DEFENSE FACILITIES, OR EVIDENCE OF ABANDONMENT OR REDUCTION OF MAJOR INDUSTRIAL OR ECONOMIC ACTIVITY OBSERVED.

RAIL ACTIVITY IN THE COMPLEX IS AT A MODERATE LEVEL. THE RAILYARD ON THE SE EDGE IS 15 PERCENT FILLED, THE RAILYARD 4.5 NM ESE IS 60 PERCENT FILLED, AND THE RAILYARD 3.5 NM ESE IS 20 PERCENT FILLED. CONSTRUCTION CONTINUES ON THE PROBABLE PASSENGER STATION. NUMEROUS OTHER RAIL CARS ARE OBSERVED THROUGHOUT THE COMPLEX.

THE 25-NM SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH 35-45 PERCENT CLOUD COVER. NO NEW SAM ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D

FU-CHOU COMPLEX

CH 2604N 11918E

NO CONSTRUCTION OF SECURITY, DEFENSES, OR CIVIL DEFENSE FACILITIES OBSERVED. NO EVIDENCE OF ABANDONMENT OR REDUCTION OF ANY MAJOR INDUSTRIAL OR ECONOMIC ACTIVITY OBSERVED IN CLOUD-FREE AREAS. DUE TO SMALL SCALE AND SCATTERED CLOUDS, THE LEVEL OF RAIL ACTIVITY CANNOT BE DETERMINED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

HANG-CHOU COMPLEX

CH 3014N 12010E

A MODERATE LEVEL OF INDUSTRIAL ACTIVITY IS INDICATED BY SMOKE RISING FROM THE THERMAL POWERPLANT AND IRON AND STEEL PLANT AND THE RAILYARD WHICH IS APPROXIMATELY 25 PERCENT FILLED.

25X1D

TOP SECRET CHESS RUFF

Handle Via

TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

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25X1A

PING-HSIANG COMPLEX

CH 2206N 10645E

THE LEVEL OF INDUSTRIAL ACTIVITY IS UNDETERMINED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

SHANG-HAI COMPLEX

CH 3114N 12128E

A MODERATE LEVEL OF INDUSTRIAL ACTIVITY IS OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

WEN-SHAN COMPLEX

CH 2322N 10415E

NO SIGNIFICANT INDUSTRIAL ACTIVITY IS OBSERVED WITHIN
THE COMPLEX.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

WU-HAN COMPLEX

CH 3035N 11417E

TWO RAIL CLASSIFICATION YARDS WITH A TOTAL LENGTH OF
APPROXIMATELY 8,500 FT ARE UNDER CONSTRUCTION ON THE
SOUTHERN EDGE OF THE COMPLEX AT 30-28N 114-17E.

THE RAILYARDS ARE APPROXIMATELY 30 PERCENT FILLED.

SMOKE IS RISING FROM THE THERMAL POWERPLANT LOCATED
WITHIN THE IRON AND STEEL PLANT NE OF WU-HAN.

25X1D

Handle Via
TALENT-KEYHOLE
Control System Only

TOP SECRET CHESS RUFF

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25X1A

SU-CHOU COMPLEX

CH 3118N 12037E

SMALL SCALE AND POOR INTERPRETABILITY PRECLUDE
DETERMINATION OF LEVEL OF INDUSTRIAL ACTIVITY.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

MAN-CHOU-LI COMPLEX

CH 4936N 11726E

ACTIVITY NEAR THE LARGE TRANSSHIPMENT WAREHOUSES AND IN
THE OPEN STORAGE AREA APPEARS TO BE LIGHT. THE
RAILYARDS ARE APPROXIMATELY 20 PERCENT FILLED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

WEN-CHOU COMPLEX

CH 2801N 12039E

THE LEVEL OF ACTIVITY IS LIGHT AT THE PORT FACILITIES
AND INDUSTRIAL AREAS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

BAC GIANG COMPLEX

VN 2116N 10611E

NO EVIDENCE OF TROOP OR SUPPLY BUILDUP OR DEFENSES
OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

Handle Via
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25X1A

LAI CHAU COMPLEX

VN 2203N 10309E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

25X1D

WU-HU COMPLEX

CH 3121N 11822E

ON THE CHANG CHIANG (RIVER).
THE COMPLEX, 5.5 SQ MI IN AREA, IS A RIVER PORT WITH
NUMEROUS PIERS AND WHARVES. OTHER FACILITIES INCLUDE A
RAIL-TO-WATER TRANSLOADING FACILITY, A RAIL FERRY
LANDING, A SMALL POL STORAGE AREA, A TEXTILE MILL, AND
A WOOD PRODUCTS PLANT.

25X1D

YEN BAI COMPLEX

VN 2141N 10452E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

25X1D

KEP COMPLEX

VN 2124N 10617E

NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D

LAO CAI COMPLEX

VN 2230N 10358E

NO DEFENSES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

25X1D

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25X1A

YEN VIEN RR CLASSIFICATION YARD

VN 2105N 10555E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D

KUN-MING TRNSLDG YARDS STATION & SHOPS

CH 2500N 10247E

NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D

**Other
Activity**

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OTHER ACTIVITY

25X1A

I-CHUN MILITARY STORAGE AREA

CH 2752N 11442E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

25X1D

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25X1A

INDEX OF TARGETS

AN ASTERISK (*) IN THE FINAL COLUMN DESIGNATES A TARGET THAT IS IDENTIFICATION ONLY.

COMOR	INSTALLATION NAME	CTY	COORDINATES	OAK
	HA NOI SAM SEARCH	VN	2102N 10551E	1
	LAO CAI SAM SEARCH	VN	2229N 10359E	1
	DIEN BIEN PHU SAM SEARCH	VN	2123N 10301E	1
	VINH SAM SEARCH	VN	1840N 10540E	1
	HSIN-CHENG SUSPECT SAM SITE	CH	2533N 11436E	1
	CAO BANG SAM SEARCH AREA	VN	2240N 10615E	1
	DONG HOI SAM SEARCH AREA	VN	1728N 10637E	1
	LIU-SHUI PROBABLE CD POSITIONS	CH	2536N 11949E	1
	PAI-CHIEH SHAN SUSPECT CD SITE	CH	3036N 12225E	*
	WU-HAN MISSILE ACTIVITY SEARCH	CH	3033N 11417E	1
	HA NOI SAM SITE A10-2 (14)	VN	2101N 10558E	1
	HA NOI SAM SITE A29-2 (15)	VN	2055N 10550E	1
	HA NOI SAM SITE A29-2 (4)	VN	2104N 10541E	*
	HA NOI SAM SITE B04-2 (5)	VN	2111N 10559E	1
	HA NOI SAM SITE B12-2 (3)	VN	2056N 10604E	*
	HA NOI SAM SITE B25-2 (11)	VN	2054N 10536E	*
	HA NOI SAM SITE B29-2 (17)	VN	2104N 10539E	1
	HA NOI SAM SITE B30-2 (16)	VN	2106N 10539E	1
	HA NOI SAM SITE B17-2 (1)	VN	2047N 10554E	1
	HA NOI SAM SITE B21-2 (2)	VN	2051N 10545E	1
	HA NOI SAM SITE C28-2 (13)	VN	2105N 10529E	1
	HA NOI SAM SITE A11-2 (9)	VN	2100N 10555E	1
	HA NOI SAM SITE A24-2 (19)	VN	2056N 10543E	1
	HA NOI SAM SITE D31A-2 (28)	VN	2124N 10517E	1
	HA NOI SAM SITE D16-2 (24)	VN	2034N 10607E	*
	HA NOI SAM SITE D36-2 (39)	VN	2132N 10547E	1
	HA NOI SAM SITE C06-2 (32)	VN	2119N 10615E	1
	HA NOI SAM SITE C07-2 (30)	VN	2116N 10619E	*
	HA NOI SAM SITE D31B-2 (29)	VN	2123N 10520E	1
	HA NOI SAM SITE E07-2 (31)	VN	2122N 10635E	*
	YEN BAI SAM SITE C17-2 (208)	VN	2123N 10517E	1
	HAI PHONG SAM SITE A29-2 (21)	VN	2052N 10634E	1
	HAI PHONG SAM SITE A20-2 (25)	VN	2044N 10639E	1
	HAI PHONG SAM SITE A17-2 (34)	VN	2047N 10642E	1
	HAI PHONG SAM SITE B01-2 (35)	VN	2102N 10643E	1
	HAI PHONG SAM SITE A29A-2 (37)	VN	2053N 10631E	1
	HAI PHONG SAM SITE B33-2 (38)	VN	2107N 10630E	*
	HAI PHONG SAM SITE B06-2 (47)	VN	2058N 10651E	1
	HAI PHONG SAM SITE C32-2 (58)	VN	2106N 10623E	*
	HAI PHONG SAM SITE C32A-2 (59)	VN	2106N 10622E	*
	HAI PHONG SAM SITE B30-2 (61)	VN	2059N 10621E	*
	HAI PHONG SAM SITE A07-2 (55)	VN	2055N 10650E	1

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HAI PHONG SAM SITE A23-2 (66)	VN 2045N 10635E 1
HAI PHONG SAM SITE C30-2 (72)	VN 2101N 10619E *
HAI PHONG SAM SITE A02-2 (85)	VN 2056N 10642E *
HAI PHONG SAM SITE A17A-2 (86)	VN 2042N 10644E 1
HAI PHONG SAM SITE D35-2 (89)	VN 2121N 10630E *
THANH HOA SAM SITE D04-2 (42)	VN 2016N 10606E *
THANH HOA SAM SITE C03-2 (46)	VN 2013N 10559E *
THANH HOA SAM SITE D03-2 (79)	VN 2021N 10604E *
HA NOI SAM SITE B30A-2 (43)	VN 2108N 10535E 1
HA NOI SAM SITE D03-2 (41)	VN 2128N 10607E 1
HA NOI SAM SITE D04-2 (33)	VN 2125N 10612E 1
HA NOI SAM SITE A17A-2 (45)	VN 2052N 10554E 1
HA NOI SAM SITE C01-2 (53)	VN 2125N 10551E 1
HA NOI SAM SITE C04-2 (54)	VN 2124N 10611E 1
HA NOI SAM SITE C01A-2 (63)	VN 2129N 10554E *
HA NOI SAM SITE B33-2 (64)	VN 2110N 10544E 1
HA NOI SAM SITE C06A-2 (78)	VN 2115N 10616E 1
HA NOI SAM SITE C11-2 (84)	VN 2055N 10615E *
HA NOI SAM SITE C30D-2 (92)	VN 2112N 10530E *
HA NOI SAM SITE B07-2 (95)	VN 2108N 10609E 1
HA NOI SAM SITE D06-2 (105)	VN 2118N 10621E *
HOA BINH SAM SITE A04-2 (210)	VN 2053N 10523E *
HOA BINH SAM SITE B08-2 (212)	VN 2052N 10533E *
HOA BINH SAM SITE C27-2 (226)	VN 2047N 10450E 1
HAI PHONG SAM SITE D35A-2 (97)	VN 2123N 10634E *
HAI PHONG SAM SITE B07-2 (98)	VN 2059N 10700E 1
HAI PHONG SAM SITE B01A-2 (121)	VN 2102N 10642E 1
HAI PHONG SAM SITE A06-2 (135)	VN 2056N 10648E 1
HAI PHONG SAM SITE A14-2 (137)	VN 2049N 10643E *
HAI PHONG SAM SITE B06B-2 (139)	VN 2057N 10651E 1
HAI PHONG SAM SITE D23-2 (174)	VN 2028N 10614E 1
HAI PHONG SAM SITE B27-2 (209)	VN 2049N 10623E *
HAI PHONG SAM SITE A31A-2 (219)	VN 2054N 10635E *
HAI PHONG SAM SITE A14A-2 (220)	VN 2049N 10643E *
HAI PHONG SAM SITE C29-2 (223)	VN 2056N 10619E *
VINH SAM SITE B16-2 (103)	VN 1822N 10548E *
VINH SAM SITE A07-2 (127)	VN 1840N 10542E 1
VINH SAM SITE C30-2 (144)	VN 1848N 10518E *
VINH SAM SITE B21-2 (150)	VN 1828N 10536E 1
VINH SAM SITE B32-2 (173)	VN 1849N 10529E *
VINH SAM SITE A01-2 (176)	VN 1846N 10541E 1
VINH SAM SITE A36-2 (179)	VN 1844N 10540E 1
VINH SAM SITE A11-2 (190)	VN 1837N 10548E 1
VINH SAM SITE C31-2 (213)	VN 1854N 10518E *
VINH SAM SITE A01A-2 (221)	VN 1843N 10542E 1
SHANG-HAI SAM SITE B36-2	CH 3126N 12126E 1
HA NOI SAM SITE B01-2 (119)	VN 2117N 10553E 1
HA NOI SAM SITE C33-2 (120)	VN 2118N 10537E *
HA NOI SAM SITE A33-2 (125)	VN 2109N 10546E *

Handle Via
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HA NOI SAM SITE D36A-2 (126)	VN 2135N 10550E 1
HA NOI SAM SITE A01-2 (133)	VN 2107N 10552E 1
HA NOI SAM SITE C03-2 (138)	VN 2121N 10600E *
HA NOI SAM SITE C03A-2 (141)	VN 2119N 10602E 1
HA NOI SAM SITE A14-2 (142)	VN 2056N 10558E 1
HA NOI SAM SITE C32-2 (143)	VN 2119N 10531E 1
HA NOI SAM SITE B32-2 (146)	VN 2115N 10535E 1
HA NOI SAM SITE B07A-2 (148)	VN 2109N 10608E 1
HA NOI SAM SITE C17A-2 (161)	VN 2037N 10557E *
HA NOI SAM SITE B16-2 (162)	VN 2049N 10557E *
HA NOI SAM SITE C16-2 (166)	VN 2041N 10605E *
HA NOI SAM SITE A05-2 (158)	VN 2108N 10558E *
HA NOI SAM SITE C03B-2 (167)	VN 2121N 10600E *
HA NOI SAM SITE D31C-2 (131)	VN 2124N 10517E *
HA NOI SAM SITE C05B-2 (171)	VN 2122N 10615E *
HA NOI SAM SITE B27-2 (180)	VN 2059N 10533E 1
HA NOI SAM SITE B13-2 (184)	VN 2050N 10605E 1
HA NOI SAM SITE B28-2 (189)	VN 2101N 10532E *
HA NOI SAM SITE B04A-2 (186)	VN 2118N 10602E 1
HA NOI POSSIBLE SAM SITE (199P)	VN 2134N 10600E 1
HA NOI POSSIBLE SAM SITE (200P)	VN 2134N 10600E 1
HA NOI SAM SITE C01D-2 (195)	VN 2130N 10552E *
HA NOI SAM SITE B34A-2 (234)	VN 2113N 10545E *
YU-SHAN SAM SITE A05-2	CH 2842N 11817E 1
HA NOI PROB SA-2 MISSILE EQPT TRNG AREA	VN 2127N 10555E 1
NA SAN SAM SITE C13-2 (228)	VN 2056N 10428E 1
NA SAN SAM SITE A12-2 (232)	VN 2109N 10408E 1
CAT BA COASTAL DEFENSE SITE NO 1	VN 2043N 10703E *
PEI-LING PAN-TAO CRUISE MISSILE SITE	CH 2620N 11950E 1
SHANG-HAI SAM SITE A02-2	CH 3119N 12130E 1
CHIA-HSING AIRFIELD	CH 3024N 12040E 1
SHANG-HAI/CHIANG-WAN AIRFIELD	CH 3120N 12130E 1
CHU-HSIEN AIRFIELD	CH 2857N 11853E 1
CHUNG-AN AIRFIELD	CH 2742N 11800E 1
HAN-KOU/WANG-CHIA-TUN AIRFIELD	CH 3035N 11414E 1
HANG-CHOU/CHIEN-CHIAO AIRFIELD	CH 3019N 12014E 1
NAN-CHANG/HSIANG-TANG AIRFIELD	CH 2825N 11555E 1
HSIN-CHENG AIRFIELD	CH 2532N 11437E 1
SHANG-HAI/HUNG-CHIAO AIRFIELD	CH 3111N 12120E 1
LU-CHIAO AIRFIELD	CH 2833N 12125E 1
SHANG-HAI/LUNG-HUA AIRFIELD	CH 3109N 12127E 1
LUNG-TIEN AIRFIELD	CH 2534N 11927E 1
MENG-TZU AIRFIELD WEST	CH 2323N 10320E 1
NAN-CHANG AIRFIELD NEW	CH 2838N 11555E 1
FU-SHOU/I-HSU AIRFIELD	CH 2600N 11918E 1
SHAN-PO AIRFIELD	CH 3005N 11418E 1
SHANG-HAI/TA-CHANG AIRFIELD	CH 3118N 12124E 1
WU-HU AIRFIELD	CH 3123N 11824E 1
HAIPHONG/CAT BI AIRFIELD	VN 2049N 10643E 1

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HAIPHONG/KIEN AN AIRFIELD	VN 2048N 10636E 1
HANOI/BAC MAI AIRFIELD	VN 2059N 10550E 1
HANOI/GIA LAM AIRFIELD	VN 2102N 10553E 1
PHUC YEN AIRFIELD	VN 2113N 10548E 1
LANG SON AIRFIELD	VN 2150N 10646E *
KUN-MING/WU-CHIA-PA AIRFIELD	CH 2459N 10244E 1
KEP AIRFIELD	VN 2124N 10616E 1
HO-FEI AIRFIELD	CH 3151N 11719E 1
NING-MING AIRFIELD	CH 2207N 10707E *
PING-YUAN-CHIEH AIRFIELD	CH 2342N 10349E 1
YEN BAI AIRFIELD	VN 2143N 10451E 1
HOA LAC AIRFIELD	VN 2101N 10530E 1
BAI THUONG AIRFIELD	VN 1954N 10527E *
AN-CHING AIRFIELD	CH 3035N 11702E 1

25X2

SHANG-HAI NVB A SHPYD CHIANG-NAN DOCK CO	CH 3112N 12129E 1
PING-TAN NAVAL BASE	CH 2530N 11943E 1
PU-MEN-CHENG NAVAL BASE	CH 2714N 12022E 1
SHANG-HAI NAVAL BASE WU-SUNG	CH 3123N 12130E 1
SAN-TU-AD NAVAL BASE WEST	CH 2638N 11940E 1
TUNG-CHUNG NAVAL FACILITY	CH 2632N 11950E 1
WU-HAN SHIPYARD CHUNG-YANG	CH 3032N 11417E *
SHANG-HAI SHIPYARD COMPLEX	CH 3115N 12132E 1
SHANG-HAI SHIPYARD CHUNG-HUA	CH 3116N 12133E 1
SHANG-HAI NVB AND SHIPYARD HU-TUNG	CH 3116N 12133E 1
SHANG-HAI PORT FACILITIES NORTH	CH 3122N 12130E 1
SHANG-HAI PORT FACILITIES SOUTH	CH 3113N 12130E 1
SHANG-HAI PORT FACILITIES PU-TUNG	CH 3114N 12131E 1
SHANG-HAI PORT FACILITIES CENTRAL	CH 3118N 12133E 1
HON GAI PORT FACILITIES	VN 2057N 10705E 1
HA TOU SHIPYARD	VN 2056N 10709E 1
BEN THUY COASTAL TRANSSHIPMENT POINT	VN 1839N 10542E 1
WU-YUAN SUSPECT COMMUNICATIONS SITE	CH 2900N 11750E 1
TING-HAI AIR WARNING RADAR FACILITY	CH 2622N 11949E 1

25X2

CHIN-HUA MILITARY COMPLEX	CH 2908N 11937E 1
CHU-CHING MILITARY AREA	CH 2530N 10347E 1
FU-CHOU ARMY BARRACKS NORTH	CH 2607N 11916E *
HSIAO-KAN ARMY BARRACKS AND HQ 15TH ARMY	CH 3056N 11354E 1
HUANG-PEI MILITARY INSTALLATIONS	CH 3052N 11420E 1

25X2

I-LIANG ARMY BARRACKS SOUTH 1	CH 2451N 10308E 1
I-LIANG ARMY BARRACKS NORTH	CH 2500N 10311E *
KAI-YUAN ARMY BARRACKS NORTHEAST	CH 2343N 10315E 1
KUN-MING GENERAL SUPPLY DEPOT	CH 2501N 10244E 1
KUN-MING AMMO & SUPPLY DPO TA-PAN-CHIAO	CH 2503N 10250E 1
LIEN-CHIANG ARMY BARRACKS NORTHWEST	CH 2614N 11929E 1
LING-CHIA-CHIAO ARMY BARRACKS WEST	CH 3009N 12001E 1
HANG-CHOU ARMY BARRACKS WEST AL 1	CH 3014N 12003E 1

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HANG-CHOU ARMY BARRACKS AREAS	CH 3017N 12011E 1
MA-LI-PO SUPPLY DEPOT	CH 2307N 10443E 1
MENG-TZU MILITARY COMPLEX	CH 2321N 10323E 1
MENG-TZU MILITARY ACTIVITY	CH 2325N 10316E 1
CHIN-PING MILITARY COMPLEX	CH 2247N 10314E *
PING-HSIANG AMMUNITION DEPOT	CH 2208N 10645E *
PING-HSIANG ARMY DEPOT	CH 2205N 10645E 1
PAN-CHI ARMY BARRACKS	CH 2415N 10306E *
SHANG-JAO MILITARY COMPLEX	CH 2829N 11755E 1
SHANG-JAO AMMUNITION DEPOT WNW	CH 2807N 11751E 1
SHANG-JAO AMMUNITION DEPOT WEST-SOUTHWEST	CH 2822N 11754E *
TAN-YANG ARMY BARRACKS SOUTHEAST	CH 2620N 11930E 1
TUNG-CHI ARMY BARRACKS	CH 2624N 11930E 1
WANG-TAI WAREHOUSE AREA	CH 2636N 11759E 1
YING-SHAN ARMY BARRACKS AREA	CH 3137N 11351E 1
VAN HOI MILITARY AREAS	VN 2131N 10454E 1
WEN-SHAN ARMY BARRACKS WEST	CH 2322N 10413E 1
HO-KOU ARMY BARRACKS NORTH	CH 2232N 10357E 1
I-CHUN PROBABLE MILITARY BARRACKS AREA	CH 2748N 11424E 1
NAN-CHANG MILITARY BARRACKS WEST	CH 2840N 11547E 1
SU-CHOU BARRACKS & HQ 79TH INFANTRY DIV W	CH 3118N 12035E 1
LANG SON ARMY BARRACKS	VN 2150N 10645E *
THAI NGUYEN ARMY SUPPLY DEPOT NORTH	VN 2138N 10551E 1
BAC CAN ARMY BKS AND SUPPLY DEPOT	VN 2208N 10550E 1
BAC GIANG MILITARY AREA	VN 2117N 10612E 1
NIU-WO-PAI MOTOR PARKS	CH 2334N 10317E 1

25X1B

LU-LIANG STORAGE AREA	CH 2521N 10347E 1
HAN-KOU STORAGE AREA	CH 3044N 11421E 1
TSA-TI-PAO ROAD	CH 2302N 10341E 1
WU-PU-CHIEH ROAD CONSTRUCTION	CH 2314N 10454E 1
HA NOI/LAO CAI RR SEGMENT 2	VN 2200N 10433E 1
HA NOI/LAO CAI RR SEGMENT 1	VN 2220N 10410E 1
HA NOI/LAO CAI RR SEGMENT 3	VN 2140N 10456E 1
HA NOI/PING-HSIANG RR SEGMENT 2	VN 2132N 10627E 1
HA NOI/PING-HSIANG RR SEGMENT 1	VN 2145N 10644E 1
HA NOI/PING-HSIANG RR SEGMENT 3	VN 2110N 10604E 1
HA NOI/LAO CAI RR SEGMENT 4	VN 2120N 10520E 1
HA NOI/LAO CAI RR SEGMENT 5	VN 2110N 10548E 1
SSU-MAO/MENG-TZU ROAD	CH 2256N 10215E 1
KEP/THAI NGUYEN RAILROAD	VN 2130N 10607E 1
KUN-MING COMPLEX	CH 2504N 10241E 1
FU-CHOU COMPLEX	CH 2604N 11918E 1
HANG-CHOU COMPLEX	CH 3014N 12010E 1
PING-HSIANG COMPLEX	CH 2206N 10645E 1
SHANG-HAI COMPLEX	CH 3114N 12128E 1
WEN-SHAN COMPLEX	CH 2322N 10415E 1
WU-HAN COMPLEX	CH 3035N 11417E 1
SU-CHOU COMPLEX	CH 3118N 12037E 1

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25X1A

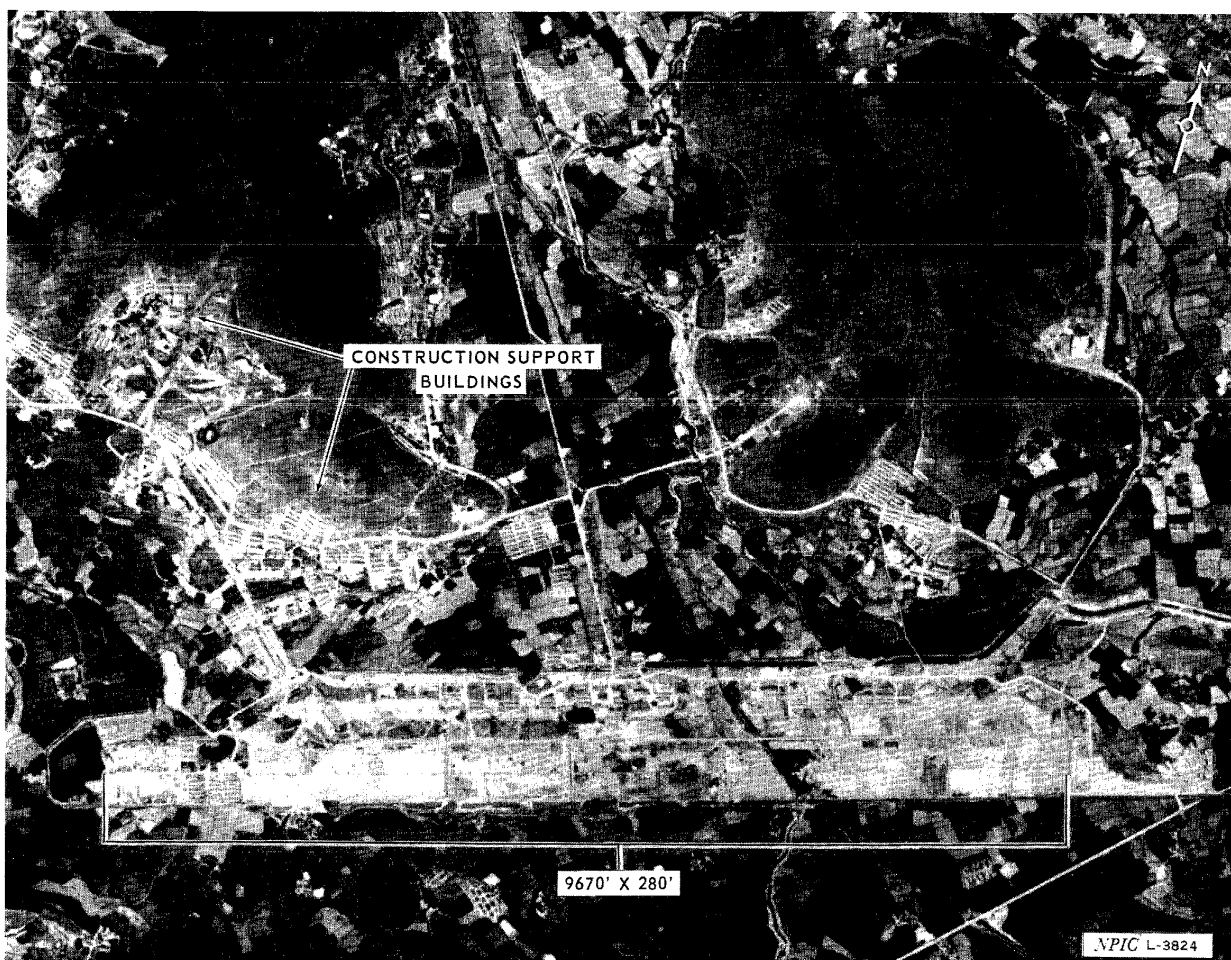
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WEN-CHOU COMPLEX	CH 2801N 12039E 1
BAC GIANG COMPLEX	VN 2116N 10611E 1
CAO BANG MILITARY COMPLEX	VN 2239N 10615E *
LAI CHAU COMPLEX	VN 2203N 10309E 1
LANG SON COMPLEX	VN 2151N 10645E *
WU-HU COMPLEX	CH 3121N 11822E 1
YEN BAI COMPLEX	VN 2141N 10452E 1
KEP COMPLEX	VN 2124N 10617E 1
LAO CAI COMPLEX	VN 2230N 10358E 1
YEN VIEN RR CLASSIFICATION YARD	VN 2105N 10555E 1
KUN-MING TRNSLDG YARDS STATION & SHOPS	CH 2500N 10247E 1
I-CHUN MILITARY STORAGE AREA	CH 2752N 11442E 1

Attachments

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AN-CHING AIRFIELD, CHINA (AIRFIELD BONUS)

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TOP SECRET CHESS RUFF
KH-4 MISSION 1043.1, 8-14 AUGUST 1967

1 CS-80495/67
ATTACHMENT 1

TOP SECRET CHESS RUFF

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USSR AND OTHER COUNTRIES

USSR and
other Countries

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PREFACE

THIS SECTION OF THE OAK REPORTS ON THE HIGHEST PRIORITY TARGETS IN THE USSR AND OTHER COUNTRIES NOT INCLUDED IN THE FIRST TWO SECTIONS OF THIS REPORT.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMIREX TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMIREX TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH), D FOR DESCENDING (NORTH-TO-SOUTH) OR M FOR A MIXED ASCENDING AND DESCENDING PASS. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME NUMBER TO WHICH THEY APPLY. THIS GRID IS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS FOR CONDITIONS AFFECTING INTERPRETABILITY ARE -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMI DARKNESS), D (DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), GR (GROUND RESOLUTION), AND SS (SMALL SCALE).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN ADDITIONAL INFORMATION. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

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Highlights

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HIGHLIGHTS

ELEVEN OF THE 25 KNOWN DEPLOYED ICBM COMPLEXES ARE OBSERVED ON THIS MISSION. ONLY TATISHCHEVO IS CLEAR. NOVOSIBIRSK, ITATKA, ALEYSK, TYUMEN, UZHUR, AND TEYKOVO ARE OBSCURED BY SCATTERED CLOUDS, AND HEAVY CLOUDS HINDER INTERPRETATION OF OLOVYANNAYA, GLADKAYA, IMENI GASTELLO, AND KOSTROMA. THE PLESETSK MISSILE AND SPACE CENTER IS COMPLETELY CLOUD COVERED. EIGHT TYPE IIID SITES, INCLUDING 2 POSSIBLE, ARE NEWLY IDENTIFIED. OF THESE, 3 CONFIRMED, 3 PROBABLE, AND 1 POSSIBLE SITES ARE AT TATISHCHEVO, BRINGING THE TOTAL AT LAUNCH GROUP L TO 9. ONE OF THE CONFIRMED SITES IS THE CONTROL FOR THE GROUP. POSSIBLE SITE 145L AT TATISHCHEVO IS NO LONGER CONSIDERED VALID AND IS DROPPED FROM NPIC LISTINGS. THE NEW POSSIBLE SITE AT OLOVYANNAYA IS THE SIXTH SITE IN LAUNCH GROUP L.

THE CURRENT NUMBER OF ICBM LAUNCHERS AT THE 25 KNOWN DEPLOYED COMPLEXES (THE FIGURES SHOWN IN PARENTHESIS INDICATE THE NUMBER OF POSSIBLE LAUNCHERS AND ARE NOT INCLUDED IN THE TOTALS) IS GIVEN BELOW. IT SHOULD BE NOTED THAT THE TOTAL INCLUDES THE 15 ORIGINAL LAUNCHERS AT THE PLESETSK MISSILE AND SPACE CENTER, WHICH IS NOW INCLUDED IN THE COUNT OF 25 ICBM COMPLEXES. (SEE TABLE 1)

TYPE IIIC	177 (1)
TYPE IIID	520 (6)
SUBTOTAL	697 (7)
OTHER	224
TOTAL	921 (7)

THE ENTIRE TYURATAM MISSILE TEST CENTER, USSR, IS OBSERVED THROUGH SCATTERED CLOUD COVER ON PHOTOGRAPHY OF FAIR-TO-GOOD INTERPRETABILITY. NO SIGNIFICANT ACTIVITY IS OBSERVED.

THE KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER, USSR, IS NOT COVERED.

TWO SA-2 SAM SITES ARE NEWLY IDENTIFIED. ONE IS 7 NM WEST OF THE CHIH-CHIN-HSIA NUCLEAR ENERGY COMPLEX, CHINA, AT 40-13N 097-12E (DESIGNATED YU-MEN SAM SITE A12-2), AND THE SECOND IS 15.3 NM SW OF SARY-SHAGAN, USSR, AT 45-54N 073-25E, JUST WEST OF THE LARGE DIRT STRIP.

AT THE SHUANG-CHENG-TZU MTC, CHINA, A PORTION OF THE RAIL SPUR SERVING LAUNCH COMPLEX B HAS BEEN REMOVED JUST NE OF THE RAIL-TO-GANTRY TRANSFER POINT AND A LARGE EXCAVATION, APPROXIMATELY 200 X 100 FT, HAS BEEN DUG. A NEW RAIL SPUR BRANCHES WEST OFF THE EXISTING SPUR AND IS PARTIALLY COMPLETE TO THE AREA NW OF THE EXCAVATION.

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25X2

A SEARCH OF AVAILABLE COVERAGE IN THE CASPIAN SEA REVEALS THAT KASPIYSK CAN BE IDENTIFIED ONLY AND BAKU IS NOT COVERED. SCATTERED CLOUDS AND HEAVY CLOUDS PREVAIL. THE PROBABLE SURFACE EFFECTS SHIP IS NOT COVERED.

A TROPOSCATTER FACILITY NEWLY IDENTIFIED 2.5 NM NE OF PENSHIND, USSR, CONSISTS OF FOOTINGS FOR AT LEAST 2 PAIRS OF TYPE II TROPOSCATTER ANTENNAS AND 2 CONTROL/SUPPORT BUILDINGS.

STATUS OF TARGET READOUT

THIS SECTION OF THE OAK REPORTS ON 51 COMIREX TARGETS AND 3 BONUS TARGETS.

TABLE 1. DEPLOYED ICBM COMPLEXES AND TYURATAM MTC

COMPLEX	TYPE II		TYPE III		TYPE IIIC		TYPE IIID		New Positions This Mission		Total Launch Positions	Launch Groups Identified	
	A-D		A&B									Completed Launch Groups	
	Sites Launchers	Sites Launchers	Sites (Launchers)	Complete	Sites (Launchers)	Complete	IIIC	IID	IIIC	IID			
☆ ALEYSK				19	6						19	3	
DOMBAROVSKIY				37	12						37	6	
DROVYANAYA	3	6	3			51	34				66		5
☆ GLADKAYA	2	4	1			61	50				68		6
☆ IMENI GASTELLO				25	17						25	4	
☆ ITATKA	3	6									6		
KARTALY				29	12						29	5	
☆ KOSTROMA	6	12	1			30(1#)					45(1#)		3
KOZELSK	3	6	2			42	3				54		5
☆ NOVOSIBIRSK	3	6	2								12		
☆ OLOVYANNAYA			3			86(1#)	38		(1#)		95(1#)		9
OMSK			1								3		
PERM	5	10	1			41	40				54		4
PLESETSK MSC	4	8	1								15*		
SHADRINSK			3								9		
SVOBODNYI	7	14	1			51(2#)					68(2#)		6
☆ TATISHCHEVO						119(1#)	49		6(1#)		119(1#)		12
TEYKOVO	6	12									12		
☆ TYUMEN	2	4									4		
☆ UZHUR				42(1#)	18						42(1#)	7	
VERKHNYAYA SALDA	7	14	2								20		
YEDROVO	6	12	2			39(1#)	1				57(1#)		4
YOSHKAR-OLA	6	12									12		
YURYA	8	16	3								25		
ZHANGIZ-TOBE				25	12						25	4	
TOTALS	71	142	26	177(1#)	77	520(6#)	215		6(2#)		921(7#)	29	54

☆ TYURATAM MTC	2	3	9	9	6	11	11	60 total launchers includes 8 other single silos and 17 SSM R&D/Space Launch Positions.					
----------------	---	---	---	---	---	----	----	-----------------------------------------------------------------------------------------	--	--	--	--	--

(#) Possible The Possible Sites Are Not Included In The Total Count
☆ Covered This Mission

*Total reflects 15 of the 39 total SSM Launch positions at Plesetsk, including the 4 Type I SS-6 Launch pads. Not included are the 4 other Type I, 9 other Type II, 10 other Type III, and 1 U/I position (Site 12).

25X1D

25X1D
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Missiles

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25X1A

MISSILES

PLESETSK MISSILE AND SPACE CENTER

UR 6254N 04038E

ONLY THE EASTERN 10 PERCENT OF THE 50-NM SEARCH AREA IS
CLOUD FREE. NO NEW ICBM OR PROBABLE LONG RANGE SAM
ACTIVITY OBSERVED. NO COMPONENTS OF THE MISSILE AND
SPACE CENTER ARE DISCERNIBLE.

25X1D

TYURATAM MISSILE TEST CENTER

UR 4538N 06317E

NO NEW ICBM OR PROBABLE LONG RANGE SAM SITES IDENTIFIED
IN CLOUD-FREE PORTIONS OF THE 50-NM SEARCH AREA.

25X1D

TYURATAM LAUNCH COMPLEX A

UR 4555N 06320E

APPROXIMATELY 3 RAIL CARS ARE ON THE PAD TO THE REAR OF
A1, AND A POSSIBLE RAIL TRANSPORTER IS ON THE RAIL LINE
TO THE WEST OF PAD A3. THE NEW RAIL CONNECTION BETWEEN
THE SPACECRAFT BUILDING AND THE LAUNCH AREA APPEARS
COMPLETE.

25X1D

TYURATAM LAUNCH COMPLEX B

UR 4559N 06333E

AN UNDETERMINED NUMBER OF VEHICLES/PIECES OF EQUIPMENT
IS WITHIN LAUNCH AREA B2.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

TYURATAM LAUNCH COMPLEX C

UR 4558N 06339E

A LONG VEHICLE/PIECE OF EQUIPMENT IS ON PAD C1 AND AN
UNDETERMINED NUMBER OF VEHICLES/PIECES OF EQUIPMENT IS
IN THE SW CORNER OF THE LAUNCH AREA.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR

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SITE 37 ARE THE ONLY COMPLEX COMPONENTS COVERED AND
THEY CAN BE IDENTIFIED ONLY.

25X1D



25X1A

ITATKA ICBM COMPLEX

UR 5650N 08535E

NO NEW MISSILE ACTIVITY OBSERVED IN THE SOUTHERN 80
PERCENT OF THE 50-NM SEARCH AREA COVERED ON
PHOTOGRAPHY. THE ENTIRE COMPLEX IS OBSERVED.

25X1D



SHADRINSK ICBM COMPLEX

UR 5607N 06339E

THE COMPLEX IS NOT COVERED. NO NEW MISSILES OR
MISSILE-RELATED ACTIVITY OBSERVED IN CLOUD-FREE
PORTIONS OF THE EASTERN 25 PERCENT OF THE 50-NM SEARCH
AREA COVERED ON PHOTOGRAPHY.

25X1D



TEYKOVO ICBM COMPLEX

UR 5652N 04034E

NO NEW MISSILE ACTIVITY OBSERVED IN THE CLOUD-FREE
PORTIONS OF THE WESTERN 80 PERCENT OF THE 50-NM SEARCH
AREA COVERED ON PHOTOGRAPHY. THE ENTIRE COMPLEX IS
COVERED.

25X1D



TYUMEN ICBM COMPLEX

UR 5652N 06551E

ALL COMPONENTS OF THE COMPLEX ARE COVERED ON
PHOTOGRAPHY. NO NEW MISSILE FACILITIES OBSERVED IN
CLOUD-FREE PORTIONS OF THE ENTIRE 50-NM SEARCH AREA.

25X1D



GLADKAYA ICBM COMPLEX

UR 5606N 09214E

THE ENTIRE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH
SCATTERED AND HEAVY CLOUD COVER. PORTIONS OF THE

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TOP SECRET CHESS RUFF

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HANDLING FACILITY, NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

AT THE UNIDENTIFIED FACILITY WEST OF COMPLEX G, A LINEAR EXCAVATION CONTAINING 4 PROBABLE CIRCULAR HOLES HAS BEEN DUG ON THE SOUTH SIDE OF THE LARGE BUILDING.

THE COMPLEX SUPPORT FACILITY IS PARTIALLY OBSCURED BY CLOUDS. NO SIGNIFICANT CHANGES OBSERVED.

25X1D

25X1A

TYURATAM LAUNCH COMPLEX H

UR 4559N 06342E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

TYURATAM LAUNCH GROUP I (SITES I1-I3,I7)

UR 4555N 06326E

AT SITE I7, SILO HEADWORKS ARE UNDER CONSTRUCTION AT THE CENTRAL AND NORTHERN SILOS. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D

TYURATAM LAUNCH GROUP I (SITE I4)

UR 4554N 06320E

FOUR VEHICLES/PIECES OF EQUIPMENT ARE ON THE APRON NEAR THE SILO.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

TYURATAM LAUNCH GROUP I (SITES I5, I6)

UR 4559N 06333E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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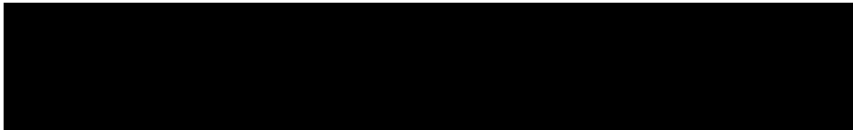
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25X1D



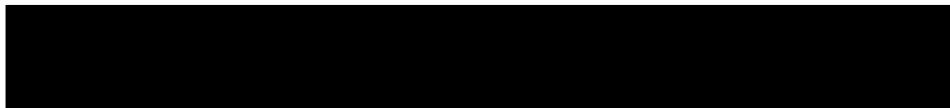
25X1A

TYURATAM LAUNCH COMPLEX J

UR 4555N 06317E

AT LAUNCH AREA J1-J2, A SERVICE TOWER/ERECTOR SIMILAR TO THAT AT PAD J1 IS UNDER CONSTRUCTION FORWARD OF PAD J2. A BUILDING IS UNDER CONSTRUCTION ON THE FOUNDATION PREVIOUSLY REPORTED EAST OF THE MAB. SIX NARROW RECTANGULAR BUILDINGS HAVE BEEN ADDED AT THE SE EDGE OF THE BARRACKS AREA.

25X1D



TYURATAM LAUNCH GROUP K (SITE K1-K2)

UR 4601N 06303E

A VEHICLE/PIECE OF EQUIPMENT IS ON THE APRON NORTH OF EACH SILO.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



TYURATAM LAUNCH GROUP K (SITE K3)

UR 4604N 06256E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

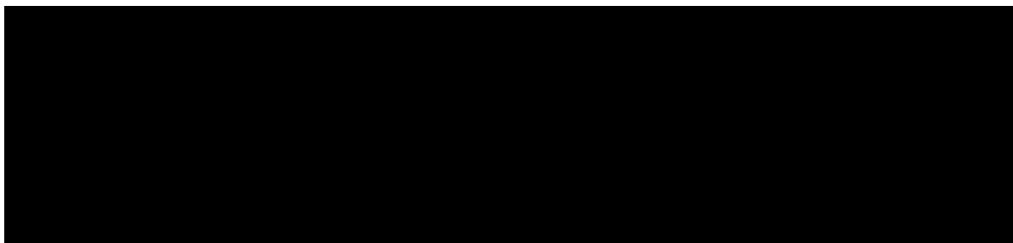


TYURATAM LAUNCH GROUP L

UR 4603N 06259E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



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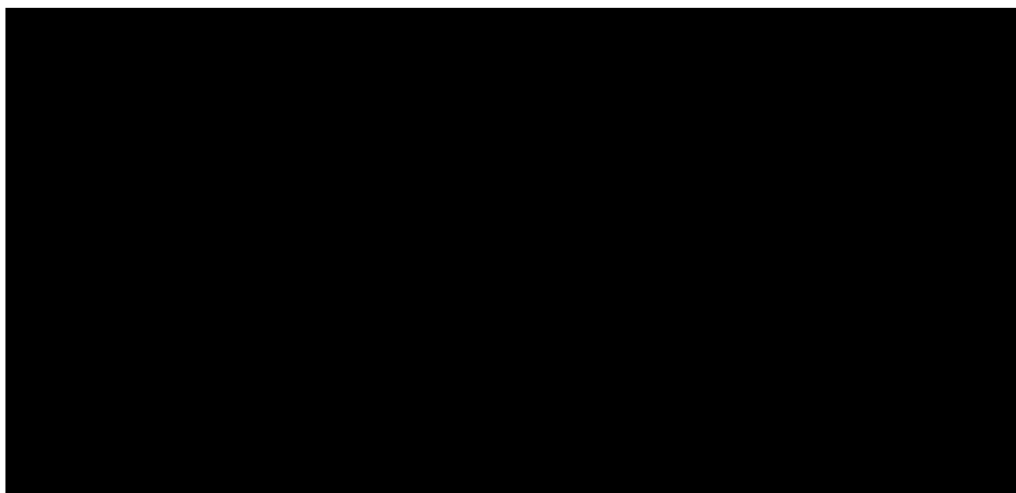
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25X1D



25X1A

TYURATAM LAUNCH GROUP M (SITE M1)

UR 4603N 06302E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D



TYURATAM LAUNCH GROUP M (SITE M2)

UR 4600N 06301E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D



TYURATAM LAUNCH GROUP M (SITE M3)

UR 4602N 06306E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D



TYURATAM LAUNCH GROUP N (SITE N1)

UR 4602N 06303E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

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25X1D



25X1A

TYURATAM LAUNCH GROUP N (SITE N2-N3) UR 4604N 06257E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

25X1D



TYURATAM PROPELLANTS PRODUCTION FACILITY UR 4543N 06319E

THREE LARGE PROBABLE ABOVEGROUND TANKS ARE UNDER
CONSTRUCTION EAST OF THE SECURED AREA AND 6 SMALL
PROBABLE TANKS ARE BEING INSTALLED IN A DEEP EXCAVATION
ALONG THE FORMER FENCE LINE ALONG THE THE WEST SIDE OF
THE FACILITY. GENERAL CONSTRUCTION ACTIVITY CONTINUES
IN AND ADJACENT TO THE FACILITY.

25X1D



TYURATAM MAIN SUPPORT BASE UR 4538N 06317E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED.

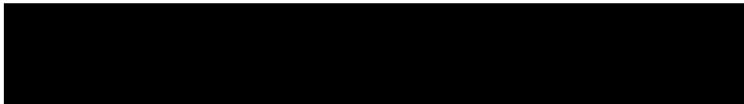
25X1D



YOSHKAR-OLA ICBM COMPLEX UR 5633N 04801E

THE SOUTHERN 50 PERCENT OF THE SEARCH AREA IS COVERED
ON PHOTOGRAPHY WITH HEAVY CLOUD COVER. NO NEW MISSILE
ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS. THE COMPLEX
IS NOT OBSERVED.

25X1D



KOSTROMA ICBM COMPLEX UR 5746N 04101E

NO NEW MISSILE ACTIVITY OBSERVED IN THE WESTERN 50
PERCENT PORTION OF THE 50-NM SEARCH AREA COVERED ON
PHOTOGRAPHY. THE COMPLEX SUPPORT FACILITY AND LAUNCH

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SITE 37 ARE THE ONLY COMPLEX COMPONENTS COVERED AND
THEY CAN BE IDENTIFIED ONLY.

25X1D

25X1A

ITATKA ICBM COMPLEX

UR 5650N 08535E

NO NEW MISSILE ACTIVITY OBSERVED IN THE SOUTHERN 80
PERCENT OF THE 50-NM SEARCH AREA COVERED ON
PHOTOGRAPHY. THE ENTIRE COMPLEX IS OBSERVED.

25X1D

SHADRINSK ICBM COMPLEX

UR 5607N 06339E

THE COMPLEX IS NOT COVERED. NO NEW MISSILES OR
MISSILE-RELATED ACTIVITY OBSERVED IN CLOUD-FREE
PORTIONS OF THE EASTERN 25 PERCENT OF THE 50-NM SEARCH
AREA COVERED ON PHOTOGRAPHY.

25X1D

TEYKOVO ICBM COMPLEX

UR 5652N 04034E

NO NEW MISSILE ACTIVITY OBSERVED IN THE CLOUD-FREE
PORTIONS OF THE WESTERN 80 PERCENT OF THE 50-NM SEARCH
AREA COVERED ON PHOTOGRAPHY. THE ENTIRE COMPLEX IS
COVERED.

25X1D

TYUMEN ICBM COMPLEX

UR 5652N 06551E

ALL COMPONENTS OF THE COMPLEX ARE COVERED ON
PHOTOGRAPHY. NO NEW MISSILE FACILITIES OBSERVED IN
CLOUD-FREE PORTIONS OF THE ENTIRE 50-NM SEARCH AREA.

25X1D

GLADKAYA ICBM COMPLEX

UR 5606N 09214E

THE ENTIRE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH
SCATTERED AND HEAVY CLOUD COVER. PORTIONS OF THE

TOP SECRET CHESS RUFF

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COMPLEX ARE OBSERVED THROUGH HEAVY CLOUD COVER. NO NEW
MISSILE FACILITIES OBSERVED.

25X1D



25X1A

UZHUR ICBM COMPLEX

UR 5517N 08949E

TWELVE OF THE 43 TYPE IIIC LAUNCH SITES ARE OBSERVED.
THE COMPLEX SUPPORT FACILITY AND RAIL-TO-ROAD TRANSFER
POINT ARE NOT VISIBLE. NO NEW MISSILE FACILITIES ARE
IDENTIFIED IN CLOUD-FREE PORTIONS OF THE WESTERN HALF
OF THE 50-NM SEARCH AREA COVERED ON PHOTOGRAPHY.

25X1D



NOVOSIBIRSK ICBM COMPLEX

UR 5515N 08259E

NO NEW MISSILE ACTIVITY OBSERVED IN THE 50-NM SEARCH
AREA. ALL 5 LAUNCH AREAS, THE COMPLEX SUPPORT
FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE
INTERPRETABLE.

25X1D



OLOVYANNAYA ICBM COMPLEX

UR 5049N 11550E

SIXTY OF THE KNOWN 87 TYPE IIID LAUNCH SITES, THE 3
TYPE IIIA LAUNCH SITES, THE COMPLEX SUPPORT FACILITY,
AND THE RAIL-TO-ROAD TRANSFER POINT ARE OBSERVED. THIS
TOTAL INCLUDES 1 NEWLY IDENTIFIED TYPE IIID SITE,
DESIGNATED POSSIBLE SITE 92L, LOCATED AT 51-01N
116-28E. IT CAN BE NEGATED [REDACTED]
AND IS FIRST SEEN IN AN EARLY STAGE OF CONSTRUCTION ON
THIS MISSION. LAUNCH SITE 87L CAN NOW BE CONFIRMED.
NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

25X1D

NO OTHER NEW MISSILE-RELATED FACILITIES OBSERVED IN THE
CLOUD-FREE PORTIONS OF THE 50-NM SEARCH AREA.

PHOTOGRAPHIC REFERENCE FOR THE NEW POSSIBLE SITE --

25X1D



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25X1A

ALEYSK ICBM COMPLEX

UR 5229N 08243E

NO NEW MISSILE ACTIVITY OBSERVED IN THE 75 PERCENT
PORTION OF THE 50-NM SEARCH AREA COVERED ON
PHOTOGRAPHY. NINE OF THE 18 LAUNCH SITES ARE OBSERVED.

25X1D

IMENI GASTELLO ICBM COMPLEX

UR 5106N 06618E

THE ENTIRE SEARCH AREA IS COVERED ON PHOTOGRAPHY.
TWELVE OF THE 25 KNOWN TYPE IIIC LAUNCH SITES ARE
OBSERVED. NO NEW MISSILES OR MISSILE-RELATED ACTIVITY
OBSERVED IN CLOUD-FREE PORTIONS.

25X1D

TATISHCHEVO ICBM COMPLEX

UR 5140N 04534E

ONE-HUNDRED-NINETEEN CONFIRMED AND PROBABLE TYPE IIID
LAUNCH SITES, 1 POSSIBLE TYPE IIID LAUNCH SITE, THE
RAIL-TO-ROAD TRANSFER POINT, AND THE COMPLEX SUPPORT
FACILITY ARE OBSERVED ON CLEAR PHOTOGRAPHY. OF THESE,
3 CONFIRMED, 3 PROBABLE, AND 1 POSSIBLE LAUNCH SITES
ARE NEWLY IDENTIFIED ON THIS MISSION. THESE ARE --
SITE 146, THE CONTROL SITE FOR THE L GROUP, AT 51-41N
045-42E, SITE 147 AT 51-44N 045-47E, SITE 148 AT 51-43N
045-52E, PROBABLE SITE 149 AT 51-40N 045-47E, PROBABLE
SITE 150 AT 51-36N 045-48E, PROBABLE SITE 151 AT 51-33N
045-45E, AND POSSIBLE SITE 152 AT 51-38N 045-43E.
SITES 146-150 AND 152 ARE ALL NEGATED

25X1D

25X1D

25X1D

25X1D

SITE 151 IS NEGATED AND
IS FIRST SEEN ALL SITES ARE IN THE
L GROUP AND ARE IN EARLY STAGES OF CONSTRUCTION.
POSSIBLE SITE 145L IS NO LONGER CONSIDERED VALID AND IS
DROPPED FROM NPIC LISTINGS.

IN LAUNCH GROUPS I, J, AND K ON THE PERIMETER OF THE
ICBM COMPLEX, HELICOPTER PADS ARE UNDER CONSTRUCTION AT
THE LAUNCH SITES. RAIL AND VEHICLE ACTIVITY IN THE
RAIL-TO-ROAD TRANSFER POINT IS HEAVY. THE NEW AREA
SOUTH OF THE TRANSFER POINT IS EXPANDING WITH EVIDENCE
OF EXTENSIVE DITCHING AND EXCAVATIONS. THE HARDENED
COMMAND AND CONTROL BUILDING ON THE NORTH SIDE OF THE
COMPLEX SUPPORT FACILITY IS EARTH COVERED. AT SITE
124, THE CONTROL SITE OF THE K GROUP, THE RECTANGULAR

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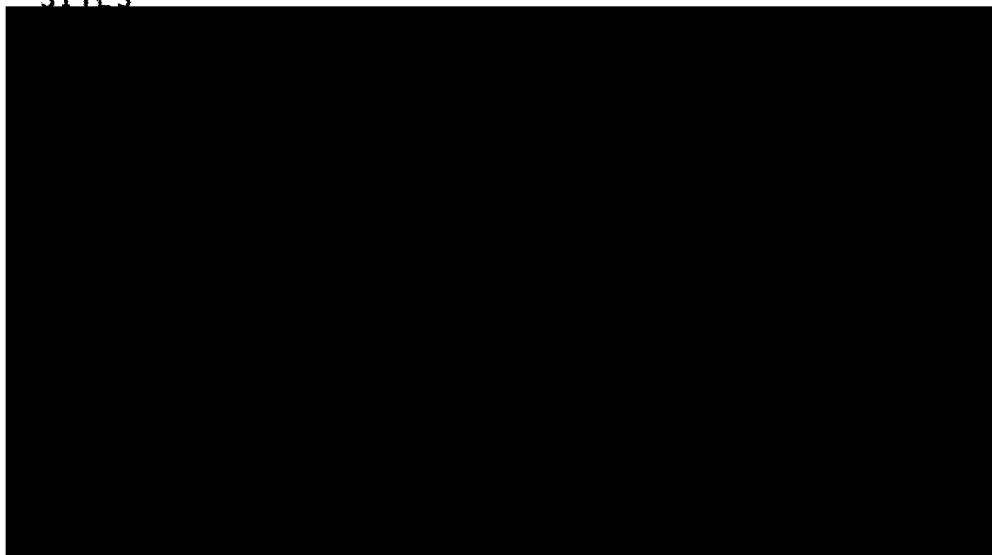
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MOUND PATTERN NORMALLY SURROUNDING THE LAUNCH SILO IS OFFSET AND PARALLEL TO THE SILO ACCESS ON THE WESTERN SIDE. THIS OFFSET OF THE MOUNDS IS PROBABLY DUE TO TERRAIN FEATURES. AN AIR LIQUEFACTION PLANT SW OF SITE 116 ON THE NORTH/SOUTH COMPLEX MAIN ROAD JUST EAST OF THE PETROVSK AIRFIELD SOUTH IS COMPLETE. AN ADJACENT FACILITY, POSSIBLY A DUPLICATE, IS UNDER CONSTRUCTION. THESE FACILITIES WILL PROBABLY SERVE THE LIQUID NITROGEN REQUIREMENTS FOR THE ICBM COMPLEX. NO OTHER MISSILE ACTIVITY IS OBSERVED.

PHOTOGRAPHIC REFERENCES FOR THE NEW TYPE IIID LAUNCH SITES --



25X1A

SHUANG-CHENG-TZU MTC LAUNCH COMPLEX B

CH 4115N 10018E



A PORTION OF THE RAIL SPUR SERVING LAUNCH COMPLEX B HAS BEEN REMOVED JUST NE OF THE RAIL-TO-GANTRY TRANSFER POINT AND A LARGE EXCAVATION, APPROXIMATELY 200 X 100 FT, HAS BEEN DUG AT THIS LOCATION

A NEW RAIL SPUR BRANCHES WEST OFF THE EXISTING SPUR AND IS PARTIALLY COMPLETE TO THE AREA NW OF THE EXCAVATION. PRELIMINARY GRADING IS VISIBLE TO A POINT WEST OF THE CONTROL BUNKER. A NEW UNIDENTIFIED LINEAR SCAR RUNS NW FROM THE AREA OF THE EXCAVATION FOR APPROXIMATELY 0.5 NM. NEW TRENCHING POSSIBLY FOR CONDUITS OR BURIED PIPELINES IS VISIBLE EAST OF THE LAUNCH FACILITY.

(SEE ATTACHMENT)



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25X1A

MOSKVA ABM SEARCH AREA

UR 5545N 03737E

25X9 THE EASTERN PORTION OF THE SEARCH AREA IS COVERED ON
SCATTERED-TO-HEAVY CLOUD COVERED PHOTOGRAPHY. NO NEW
SARY-SHAGAN OR LENINGRAD-TYPE INSTALLATIONS,
ELECTRONICS [REDACTED]
FACILITIES RELATED TO ABM DEPLOYMENT IDENTIFIED IN
CLOUD-FREE AREAS.

25X1D [REDACTED]

MOSKVA ABM LAUNCH COMPLEX E05

UR 5614N 03835E

AT TRIAD 1, GALOSH LAUNCHERS/ERECTORS HAVE POSSIBLY
BEEN INSTALLED AT LAUNCH POSITIONS 1B1 AND 1B2. THE
REMAINDER OF THE TRIAD IS CLOUD COVERED.

AT TRIAD 2, NO CHANGE IS OBSERVED ON PREVIOUSLY
COMPLETED BUILDINGS B AND C. BUILDING A IS CLOUD
COVERED. AN AREA OF RECENT EARTH DISTURBANCE IS IN THE
SA-1 LAUNCH AREA AT THE PROBABLE LOCATION OF A PROBABLE
CALIBRATION TOWER. A CABLE SCAR EXTENDS FROM THIS
POINT TO THE SECURED AREA OF THE ABM COMPLEX. A NEW
ROAD IS UNDER CONSTRUCTION PARALLEL TO THE SE SIDE OF
THE SA-1 LAUNCH AREA, BUT IT HAS NOT YET PASSED THROUGH
THE SECURITY FENCES OF THE ABM COMPLEX.

NO CHANGE IS DISCERNIBLE IN THE CLOUD-FREE PORTIONS OF
THE SUPPORT AREA. NO MISSILES ARE IDENTIFIED WITHIN
THE COMPLEX.

25X1D [REDACTED]

MOSKVA ABM LAUNCH COMPLEX E03

UR 5622N 03811E

25X1D CONSTRUCTION AT THE COMPLEX CONTINUES TO BE
CONCENTRATED AT TRIAD 1. [REDACTED]
CONSTRUCTION OF BUILDING B HAS REACHED APPROXIMATELY
THE SAME STATUS AS ON BUILDINGS A AND C. ALL OF THE
BUILDINGS ARE NOW IN THE MID-STAGE OF CONSTRUCTION. NO
EVIDENCE OF CONSTRUCTION ACTIVITY IS OBSERVED AT TRIAD
2. THE WALLS AND A PORTION OF THE ROOF FOR A LARGE
BUILDING NEAR THE ENTRANCE OF THE COMPLEX HAVE BEEN
COMPLETED. A MAJOR EXCAVATION IS OBSERVED NEAR THE
CONSTRUCTION SITE OF BUILDING B, TRIAD 2. IN THE
SUPPORT AREA, 2 MULTISTORY APARTMENT BUILDINGS HAVE
BEEN COMPLETED AND FOUNDATIONS FOR AT LEAST 3 OTHERS

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ARE NEWLY IDENTIFIED. NO MISSILES OR MISSILE-RELATED
EQUIPMENT CAN BE IDENTIFIED WITHIN THE COMPLEX.

25X1D



SARY-SHAGAN SAM SITE B22-2

UR 4554N 07325E BONUS 1

15.3 NM SW OF SARY-SHAGAN AT 45-54-10N 073-25-10E.
NEWLY IDENTIFIED SA-2 SITE OF STAR CONFIGURATION
CONSISTS OF 6 REVETTED LAUNCH POSITIONS, A REVETTED
GUIDANCE AREA, 3 REVETTED HOLD POSITIONS, AND A
PROBABLE ACQUISITION RADAR POSITION OF UNDETERMINED
OCCUPANCY.

25X1D



YU-MEN SAM SITE A12-2

CH 4013N 09712E BONUS 2

8.8 NM SE OF YU-MEN AND 7 NM WEST OF THE CHIH-CHIN-HSIA
NUCLEAR ENERGY COMPLEX AT 40-13-27N 097-12-10E.
NEWLY IDENTIFIED SA-2 SITE IN LATE STAGES OF
CONSTRUCTION CONSISTS OF 6 UNRETTED, UNOCCUPIED
LAUNCH POSITIONS WITH AN UNRETTED GUIDANCE AREA
CONTAINING AN UNIDENTIFIED OBJECT. APPROXIMATELY 45
TENTS AND SEVERAL VEHICLES/PIECES OF EQUIPMENT ARE SE
OF THE LAUNCH POSITIONS.

25X1D



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25X1A

AIR FACILITIES

ORSHA AIRFIELD SOUTHWEST

UR 5426N 03018E

OB -- 33 PROBABLE BADGER.

UNIDENTIFIED CONSTRUCTION ACTIVITY IS OBSERVED ON THE
NE EDGE OF THE ASM FACILITY.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

BOBRUYSK AIRFIELD

UR 5306N 02912E

OB -- AT LEAST 33 MEDIUM SWEEP-WING.

CONSTRUCTION STATUS OF THE ASM FACILITY IS UNDETERMINED
DUE TO SMALL SCALE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

USSURIYSK/VOZDVIZHENKA AIRFIELD

UR 4354N 13155E

OB -- 7 PROBABLE BADGER.

NO ASM STORAGE FACILITY OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

KHOROL AIRFIELD EAST

UR 4426N 13207E

OB -- 7 MEDIUM SWEEP-WING.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

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Nuclear Energy

25X2

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**Electronics/
Communications**

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ELECTRONICS/COMMUNICATIONS

PENZHINO TROPOSCATTER FACILITY

UR 6333N 16804E BONUS 1

2.5 NM NE OF PENZHINO.

NEWLY IDENTIFIED FACILITY CONSISTS OF 2 CONTROL/SUPPORT
BUILDINGS AND FOOTINGS FOR AT LEAST 2 PAIRS OF TYPE II
TROPOSCATTER ANTENNAS.

25X1D



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25X1A

INDEX OF TARGETS

AN ASTERISK (*) IN THE FINAL COLUMN DESIGNATES A TARGET THAT IS IDENTIFICATION ONLY.

COMOR INSTALLATION NAME CTY COORDINATES OAK

PLESETSK MISSILE AND SPACE CENTER	UR 6254N 04038E 1
TYURATAM MISSILE TEST CENTER	UR 4538N 06317E 1
TYURATAM LAUNCH COMPLEX A	UR 4555N 06320E 1
TYURATAM LAUNCH COMPLEX B	UR 4559N 06333E 1
TYURATAM LAUNCH COMPLEX C	UR 4558N 06339E 1
TYURATAM LAUNCH COMPLEX D	UR 4601N 06400E 1
TYURATAM LAUNCH COMPLEX E	UR 4557N 06311E 1
TYURATAM LAUNCH COMPLEX F	UR 4601N 06305E 1
TYURATAM LAUNCH COMPLEX G	UR 4604N 06255E 1
TYURATAM LAUNCH COMPLEX H	UR 4559N 06342E 1
TYURATAM LAUNCH GROUP I (SITES I1-I3,I7)	UR 4555N 06326E 1
TYURATAM LAUNCH GROUP I (SITE I4)	UR 4554N 06320E 1
TYURATAM LAUNCH GROUP I (SITES I5, I6)	UR 4559N 06333E 1
TYURATAM LAUNCH COMPLEX J	UR 4555N 06317E 1
TYURATAM LAUNCH GROUP K (SITE K1-K2)	UR 4601N 06303E 1
TYURATAM LAUNCH GROUP K (SITE K3)	UR 4604N 06256E 1
TYURATAM LAUNCH GROUP L	UR 4603N 06259E 1
TYURATAM LAUNCH GROUP L (SITE L3)	UR 4604N 06305E *
TYURATAM LAUNCH GROUP M (SITE M1)	UR 4603N 06302E 1
TYURATAM LAUNCH GROUP M (SITE M2)	UR 4600N 06301E 1
TYURATAM LAUNCH GROUP M (SITE M3)	UR 4602N 06306E 1
TYURATAM LAUNCH GROUP N (SITE N1)	UR 4602N 06303E 1
TYURATAM LAUNCH GROUP N (SITE N2-N3)	UR 4604N 06257E 1
TYURATAM PROPELLANTS PRODUCTION FACILITY	UR 4543N 06319E 1
TYURATAM MAIN SUPPORT BASE	UR 4538N 06317E 1
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KOSTROMA ICBM COMPLEX	UR 5746N 04101E 1
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TEYKOVO ICBM COMPLEX	UR 5652N 04034E 1
TYUMEN ICBM COMPLEX	UR 5652N 06551E 1
GLADKAYA ICBM COMPLEX	UR 5606N 09214E 1
UZHUR ICBM COMPLEX	UR 5517N 08949E 1
NOVOSIBIRSK ICBM COMPLEX	UR 5515N 08259E 1
OLOVYANNAYA ICBM COMPLEX	UR 5049N 11550E 1
ALEYSK ICBM COMPLEX	UR 5229N 08243E 1
IMENI GASTELLO ICBM COMPLEX	UR 5106N 06618E 1
TATISHCHEVO ICBM COMPLEX	UR 5140N 04534E 1
SHUANG-CHENG-TZU MTC LAUNCH COMPLEX B	CH 4115N 10018E 1
MOSKVA ABM SEARCH AREA	UR 5545N 03737E 1
MOSKVA ABM LAUNCH COMPLEX E05	UR 5614N 03835E 1
MOSKVA ABM LAUNCH COMPLEX E03	UR 5622N 03811E 1

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ORSHA AIRFIELD SOUTHWEST

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BOBRUYSK AIRFIELD

UR 5306N 02912E 1

USSURIYSK/VOZDVIZHENKA AIRFIELD

UR 4354N 13155E 1

KHOROL AIRFIELD EAST

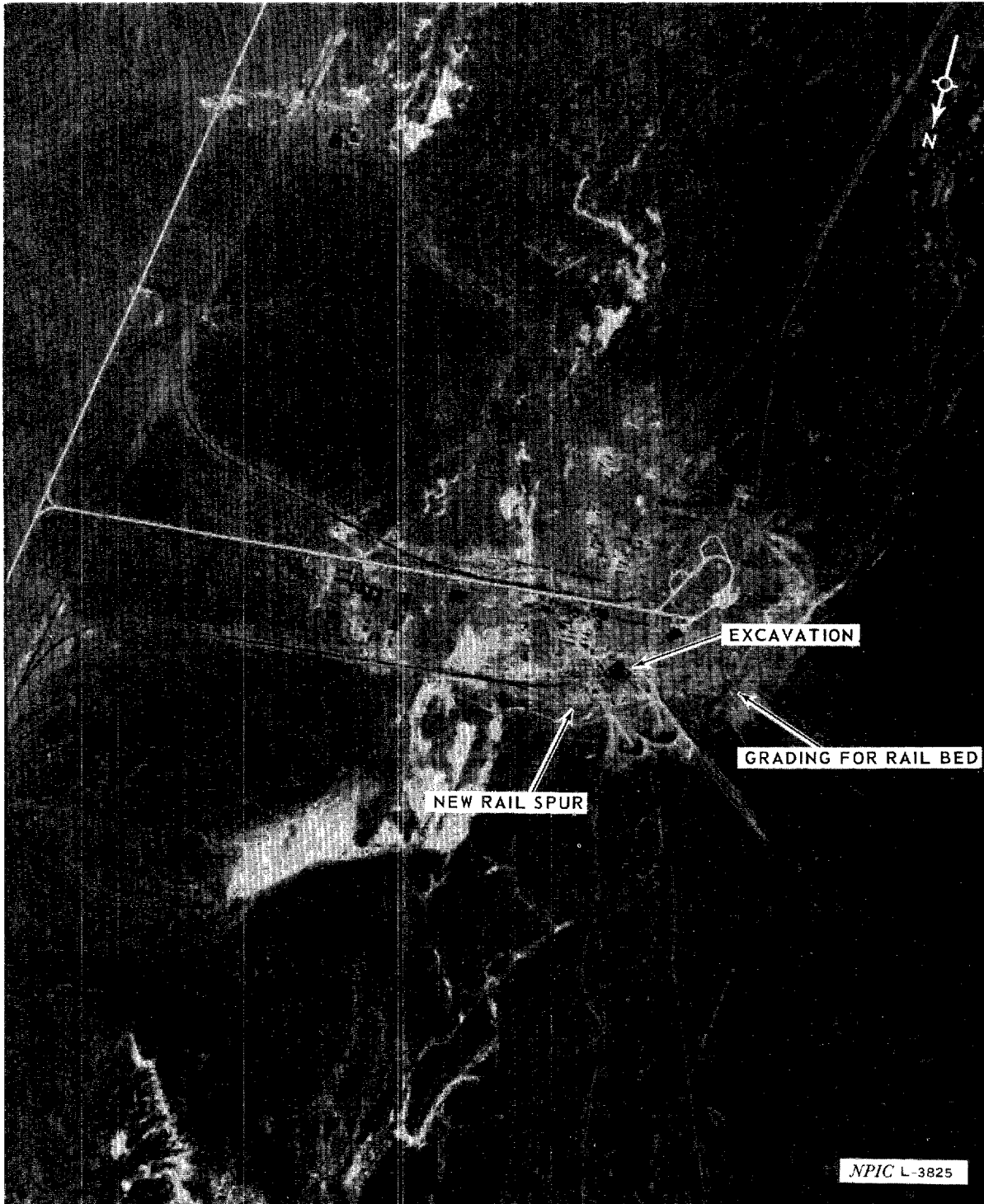
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PENZHINO TROPOSCATTER FACILITY

UR 6333N 16804E 1

Attachments



LAUNCH COMPLEX B, SHUANG-CHENG-TZU MISSILE TEST CENTER, CHINA

25X1A

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